

Industrial price list 06-22.1

Valid from 01.06.2022

ShopRoller, rolling shutters and rolling grilles

Made of steel and aluminium

Operators and controls

HÖRMANN

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ShopRoller SR

Curtain:

SR65-R, SR65-R23, SR65-7, SR65-V with pull-out protection, anodised E6/C-0

Support bracket:

Steel, galvanized

Booms:

FS 110 × 42 and FS 110 × 100: aluminium side guides with guide channel, extruded, anodised in E6/C-0, boom slider profile

Bottom profile:

Extruded aluminium, double-skinned, anodised E6/C-0

Fixing material:

Tested and approved for steel, concrete, brickwork and timber

Wind load:

Wind load class 2 (EN 12424) up to 5750 mm door width

Galvanized barrel as standard.

Tubular operator:

230 V, 50 Hz, protection category IP 44, 4 KB

Operator

Tubular operator

- With separate catch safety device
- 1-phase current 230 V, 50 Hz
- Protection category IP 44
- Emergency operation with sunblind pole
- Key switch optionally with ESU 30 or ESA 30
- Press-and-hold operation
- Temperature range –10°C to +40°C

Notices:

- For interior use and in sheltered outdoor areas.
 - Does not work if covered in ice or snow!
-

Rolling shutters

Product description for standard equipment

Rolling shutter SB		
Door curtain: Decotherm S, HR 120 A, HR 120 aero, as standard with wind locks	Fixing material: Tested and approved for steel, concrete, brickwork, timber	Manually operated (standard)
Support brackets: Steel, galvanized	Counterbalance: Tension springs	Shaft operator (optional): • WA 250 R S4 or WA 300 R S4 with integrated control • WA 300 R S4 with external control 360 • WA 300 AR S4 with external control 300 • WA 300 AR S4 with external control 360
Booms: FS 160 A: aluminium boom with guide channel, extruded, boom slider profile and brush seal	Wind load: Decotherm S standard wind load class 4 (EN 12424) HR 120 A standard wind load class 2 (EN 12424) HR 120 aero standard wind load class 2 (EN 12424)	
Bottom profile: Extruded aluminium, double-skinned		
Seals: Bottom seal made of EPDM profile, optional lintel seal	Galvanized barrel as standard.	

Rolling shutter TGT (underground garage rolling shutter)		
Door curtain: Decotherm S, as standard with wind locks	Counterbalance: Tension springs	Shaft operator: • WA 300 R S4 with integrated control (standard) • WA 300 R S4 with external control 360 (optional) • WA 300 AR S4 with external control 300 (optional) • WA 300 AR S4 with external control 360 (optional)
Support brackets: Steel, galvanized	Wind load: Decotherm S standard wind load class 4 (EN 12424)	
Booms: FS 160 A: aluminium boom with guide channel, extruded, boom slider profile and brush seal	Galvanized barrel as standard.	
Bottom profile: Extruded aluminium, double-skinned		
Seals: Bottom seal made of EPDM profile, optional lintel seal		Important notice: Meeting acoustic insulation requirements as per DIN 4109 requires acoustic planning and execution of the building structure, in particular the fitting area of the door system. The door system alone cannot meet the requirements.
Fixing material: Tested and approved for steel, concrete, brickwork, timber		

Rolling shutter DD		
Door curtain: Decotherm S, HR 120 A, HR 120 aero	Fixing material: Tested and approved, adjusted to steel, optionally available for other building structures	Direct drive operator: 3-phase current 400 V, 50 Hz, protection category IP 65, integral catch safety device, SMA, AWG, temperature range -20°C to +40°C
Support brackets: Steel, galvanized	Wind load: Standard wind load class 2 (EN 12424), for deviations see the door price tables. Decotherm S as standard with wind locks	Control: 445 R (press-and-hold), control voltage 24 V, protection category IP 65, plug-in type operator and control cables, CEE plug
Booms: FS 80 A: aluminium booms with guide channel, extruded, boom slider profile, brush seal		
Bottom profile: Extruded aluminium, double-skinned	Galvanized barrel as standard.	
Seals: Bottom seal made of EPDM profile, lintel seal		

Rolling grilles

Product description for standard equipment

Rolling grille SB

Door curtain:

HG-L with pull-out protection

Support brackets:

Steel, galvanized

Booms:

FS 160 A: aluminium boom with guide channel, extruded, boom slider profile and brush seal

Bottom profile:

Extruded aluminium, double-skinned

Seals:

Bottom seal made of EPDM profile

Fixing material:

Tested and approved for steel, concrete, brickwork, timber

Counterbalance:

Tension springs

Galvanized barrel as standard.

Manually operated (standard)**Shaft operator (optional):**

- WA 250 R S4 or WA 300 R S4 with integrated control
- WA 300 R S4 with external control 360
- WA 300 AR S4 with external control 300
- WA 300 AR S4 with external control 360

Rolling grille TGT (underground garage rolling grille)

Door curtain:

HG-L with pull-out protection

Support brackets:

Steel, galvanized

Booms:

FS 160 A: aluminium boom with guide channel, extruded, boom slider profile and brush seal

Bottom profile:

Extruded aluminium, double-skinned

Seals:

Bottom seal made of EPDM profile

Fixing material:

Tested and approved for steel, concrete, brickwork, timber

Counterbalance:

Tension springs

Galvanized barrel as standard.

Shaft operator:

- WA 300 R S4 with integrated control (standard)
- WA 300 R S4 with external control 360 (optional)
- WA 300 AR S4 with external control 300 (optional)
- WA 300 AR S4 with external control 360 (optional)

Important notice:

Meeting acoustic insulation requirements as per DIN 4109 requires acoustic planning and execution of the building structure, in particular the fitting area of the door system. The door system alone cannot meet the requirements.

Rolling grilles DD

Door curtain:

HG-L, HG-V, HG-S with pull-out protection

Support bracket:

Steel, galvanized

Booms:

FS 80 A: aluminium boom with guide channel, extruded, boom slider profile

Bottom profile:

Extruded aluminium, double-skinned

Seals:

Bottom seal made of EPDM profile

Fixing material:

Adjusted to steel, optionally available for other building structures

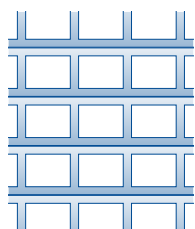
Galvanized barrel as standard.

Standard direct drive operator:

3-phase current 400 V, 50 Hz, protection category IP 65, integral catch safety device, SMA, AWG, temperature range -20°C to +40°C.

Control:

445 R (press-and-hold), control voltage 24 V, protection category IP 65, plug-in type operator and control cables, CEE plug



ShopRoller SR65-R

Anodised aluminium E6/C-0

with 60 × 44 mm square perforation

Price incl. tubular operator and key switch (press-and-hold operation)

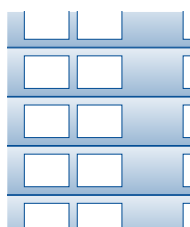
Details on standard and special versions:

- As standard with pull-out protection
- Galvanized barrel as standard
- For door technology see page 4
- For special equipment see page 15

Door height	4500	3979	4309	4638	4970	5299	5629	5979	6309	6638	6850	7174	7526	7871	8504	8843	9182	9523	9862	10201	10542	
	4250	3846	4162	4477	4794	5110	5425	5743	6077	6392	6597	6908	7246	7578	8179	8503	8827	9154	9478	9803	10129	
	4000	3713	4014	4315	4618	4919	5220	5524	5825	6127	6344	6641	6965	7283	7853	8162	8472	8784	9093	9403	9715	
	3750	3597	3866	4153	4442	4729	5016	5305	5593	5883	6073	6375	6685	6989	7527	7822	8117	8414	8709	9004	9301	
	3500	3495	3719	3991	4266	4539	4812	5088	5362	5637	5820	6089	6405	6676	7183	7463	7743	8026	8306	8586	8869	
	3250	3401	3616	3842	4105	4367	4629	4894	5158	5421	5597	5855	6140	6438	6919	7188	7456	7727	7995	8264	8534	
	3000	3045	3226	3407	3605	3829	4055	4283	4509	4735	4880	5101	5349	5591	6017	6275	6505	7357	7611	7865	8120	
	2750	2944	3114	3284	3458	3641	3853	4067	4278	4490	4627	4834	5068	5296	5691	5907	6123	6987	7226	7465	7706	
	2500	2698	2853	3008	3167	3324	3481	3675	3868	4060	4184	4373	4588	4797	5155	5567	5768	6599	6823	7047	7293	
	2250	2597	2742	2888	3036	3182	3328	3459	3637	3815	3932	4107	4308	4503	4830	5226	5413	6229	6439	6648	6860	
800																						
		1000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
		Door width																				

Notices:

- The minimum door width is 960 mm and the minimum door height is 800 mm. The lowest grid price for each height and width applies.
- For interior use and in sheltered outdoor areas. Does not work if covered in ice or snow!



ShopRoller SR65-R23

Anodised aluminium E6/C-0

With 60 × 44 mm square perforation, 2 of 3 cut-outs are made

Price incl. tubular operator and key switch (press-and-hold operation)

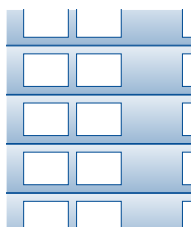
Details on standard and special versions:

- As standard with pull-out protection
- Galvanized barrel as standard
- For door technology see page 4
- For special equipment see page 15

Door height	4500	3913	4237	4733	5074	5413	6191	6562	6931	6981	7033	7179	7531	7877	8544	8885	9226	9570	9911	11079	11423
	4250	3782	4092	4564	4891	5215	5936	6308	6661	6692	6783	6910	7249	7581	8214	8540	8867	9195	9522	9848	10177
	4000	3651	3947	4395	4706	5016	5698	6035	6390	6492	6541	6641	6965	7284	7883	8194	8506	8820	9131	9443	9757
	3750	3537	3802	4226	4523	4817	5460	5782	6102	6144	6256	6372	6683	6987	7552	7849	8146	8445	8741	9038	9337
	3500	3437	3656	4056	4338	4618	5222	5528	5833	5895	6086	6103	6399	6672	7203	7485	7767	8051	8333	8615	8899
	3250	3345	3556	3902	4172	4440	5015	5308	5600	5688	5776	5867	6152	6431	6937	7206	7476	7748	8018	8288	8560
	3000	2994	3171	3463	3668	3899	4413	4667	4919	4965	5109	5207	5348	5616	6065	6297	6529	7373	7628	7883	8140
	2750	2894	3061	3333	3513	3702	4177	4415	4650	4701	4798	4830	5064	5292	5708	5951	6168	6998	7238	7478	7720
	2500	2652	2804	3051	3216	3378	3775	3991	4204	4264	4301	4369	4585	4794	5377	5579	5782	6622	6848	7073	7300
	2250	2553	2695	2923	3076	3227	3588	3739	3936	3955	4126	4210	4302	4497	5047	5234	5421	6229	6439	6668	6880
	800	1000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750
Door width																					

Notices:

- The minimum door width is 960 mm and the minimum door height is 800 mm. The lowest grid price for each height and width applies.
- For interior use and in sheltered outdoor areas. Does not work if covered in ice or snow!



ShopRoller SR65-R23 RC 2 *

Anodised aluminium E6/C-0

With 60 × 44 mm square perforation, 2 of 3 cut-outs are made

Price incl. tubular operator and key switch (press-and-hold operation)

Details on standard and special versions:

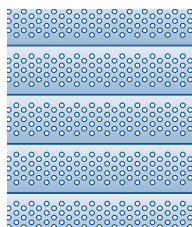
- As standard with pull-out protection
- Galvanized barrel as standard
- For door technology see page 4
- For special equipment see page 15

* Tested in accordance with DIN EN 1627 and DIN/TS 18194

Door height	4500	5261	5659	6262	6681	7098	8035	8490	8941	9005	9211	9293	9730	10138	10941	11365	12770	13196	13619	14043	14463
	4250	5091	5473	6047	6448	6847	7717	8173	8605	8701	8852	8959	9379	9771	10534	10940	11346	12736	13142	13547	13950
	4000	4921	5286	5832	6215	6597	7420	7835	8270	6356	8535	8689	9096	9474	10206	10598	10989	11383	11775	13148	13536
	3750	4771	5099	5617	5983	6346	7124	7519	7913	8065	8217	8355	8746	9107	9800	10173	10547	10923	11297	11671	13024
	3500	4617	4891	5380	5728	6074	6805	7182	7558	7677	7920	8000	8373	8718	9371	9727	10083	10441	10798	11154	11507
	3250	4517	4782	5207	5541	5873	6570	6932	7292	7431	7560	7667	8024	8352	8964	9303	9641	9982	10321	10659	10995
	3000	4087	4311	4672	4929	5217	5841	6157	6469	6630	6972	7281	7621	7933	8505	8826	9147	9522	9842	10163	10481
	2750	3953	4166	4502	4729	4968	5546	5842	6135	6329	6624	6948	7271	7566	8099	8402	8705	9062	9365	9668	9968
	2500	3821	4021	4334	4549	4761	5252	5528	5802	6086	6368	6646	6988	7269	7770	8059	8348	8691	8979	9268	9554
	2250	3676	3863	4152	4352	4550	4997	5194	5446	5762	6026	6287	6579	6842	7333	7603	7873	8196	8466	8736	9003
	800																				
	1000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
	Door width																				

Notices:

- The minimum door width is 960 mm and the minimum door height is 800 mm. The lowest grid price for each height and width applies.
- For interior use and in sheltered outdoor areas. Does not work if covered in ice or snow!



ShopRoller SR65-7

Anodised aluminium E6/C-0

With 7 mm round perforation

Price incl. tubular operator and key switch (press-and-hold operation)

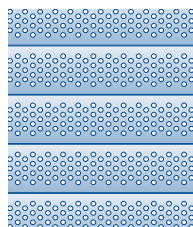
Details on standard and special versions:

- As standard with pull-out protection
- Galvanized barrel as standard
- For door technology see page 4
- For special equipment see page 15

Door height	4500	4016	4349	4682	5036	5369	5703	6038	6371	6704	6881	7206	7560	7907	8233	8753	9930	10267	10602	10937	11274
	4250	3882	4200	4519	4840	5177	5496	5817	6136	6455	6626	6939	7279	7612	7924	8419	8739	9062	10225	10546	10868
	4000	3746	4051	4355	4661	4966	5289	5595	5900	6205	6372	6671	6997	7316	7615	8084	8390	8698	9004	9310	10462
	3750	3629	3901	4191	4483	4773	5063	5374	5665	5957	6119	6404	6715	7021	7305	7750	8041	8335	8627	8918	9212
	3500	3526	3752	4027	4305	4580	4856	5135	5431	5709	5865	6136	6433	6707	6977	7397	7674	7953	8231	8508	8787
	3250	3430	3648	3876	4142	4406	4671	4939	5205	5490	5641	5900	6187	6467	6726	7126	7391	7659	7925	8190	8458
	3000	3072	3255	3438	3638	3865	4093	4324	4552	4780	4929	5151	5400	5643	5865	6216	6444	7296	7547	7798	8052
	2750	2968	3141	3313	3489	3674	3888	4104	4318	4532	4648	4856	5118	5347	5555	5881	6095	6932	7169	7406	7645
	2500	2721	2877	3035	3195	3354	3513	3709	3904	4098	4203	4393	4609	5025	5246	5547	5746	6569	6791	7014	7238
	2250	2618	2765	2912	3062	3210	3358	3490	3670	3850	3950	4125	4327	4729	4910	5186	5397	6206	6414	6622	6832
800	1000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
Door width																					

Notices:

- The minimum door width is 960 mm and the minimum door height is 800 mm. The lowest grid price for each height and width applies.
- For interior use and in sheltered outdoor areas. Does not work if covered in ice or snow!



ShopRoller SR65-7 RC 2 *

Anodised aluminium E6/C-0

With 7 mm round perforation

Price incl. tubular operator and key switch (press-and-hold operation)

Details on standard and special versions:

- As standard with pull-out protection
- Galvanized barrel as standard
- For door technology see page 4
- For special equipment see page 15

* Tested in accordance with DIN EN 1627 and DIN/TS 18194

Door height	4500	5358	5765	6172	6603	7010	7417	7827	8233	8647	8876	9278	9714	10120	11518	12146	12560	12976	13389	13802	14213	
	4250	5185	5574	5964	6357	6769	7158	7551	7941	8338	8561	8948	9367	9757	10145	11737	12134	12533	12929	13325	13719	
	4000	5011	5384	5757	6132	6505	6900	7275	7649	8088	8307	8681	9086	9463	9837	10412	11789	12174	12557	12939	13319	
	3750	4858	5193	5549	5908	6263	6619	7000	7357	7781	7993	8351	8740	9100	9458	10003	10369	10737	12097	12462	12825	
	3500	4700	4980	5319	5661	5999	6339	6681	7045	7452	7657	7998	8371	8715	9056	9572	9921	10272	10620	11963	12309	
	3250	4598	4869	5152	5480	5805	6131	6462	6789	7146	7344	7669	8025	8353	8677	9164	9495	9830	10161	10493	10822	
	3000	4161	4390	4620	4870	5152	5435	5721	6004	6786	6978	7286	7626	7937	8245	8702	9017	9386	9701	10015	10327	
	2750	4024	4241	4459	4680	4912	5178	5447	5713	6479	6664	6956	7280	7574	7866	8293	8591	8943	9241	9538	9833	
	2500	3889	4093	4299	4508	4715	4922	5174	5423	6199	6410	6689	6999	7280	7558	7962	8246	8585	8868	9152	9433	
	2250	3741	3932	4125	4320	4513	4705	4880	5111	5868	6040	6300	6624	6888	7148	7521	7787	8107	8372	8638	8900	
	800																					
		1000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
		Door width																				

Notices:

- The minimum door width is 960 mm and the minimum door height is 800 mm. The lowest grid price for each height and width applies.
- For interior use and in sheltered outdoor areas. Does not work if covered in ice or snow!

ShopRoller SR65-V

Anodised aluminium E6/C-0

With closed profile

Price incl. tubular operator and key switch (press-and-hold operation)

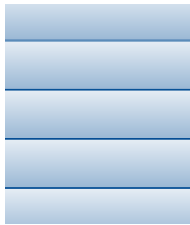
Details on standard and special versions:

- As standard with pull-out protection
- Galvanized barrel as standard
- For door technology see page 4
- For special equipment see page 15

Door height	Door width																			
	1000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750
4500	3778	4084	4411	4726	5034	5343	5770	6086	6403	6577	6887	7224	7555	8696	9014	9325	9638	9949	10260	10573
4250	3656	3949	4244	4564	4860	5155	5562	5865	6169	6338	6636	6960	7278	7576	8710	9008	9308	9606	9904	10204
4000	3533	3812	4095	4401	4684	4967	5354	5644	5934	6100	6384	6695	7000	7285	7576	7861	8978	9262	9547	9834
3750	3427	3677	3946	4221	4509	4778	5147	5424	5702	5862	6133	6431	6723	6994	7272	7544	7818	8089	9191	9465
3500	3336	3540	3797	4058	4315	4590	4940	5204	5469	5623	5881	6166	6427	6685	6949	7208	7469	7727	7986	8247
3250	3249	3447	3657	3908	4154	4401	4755	5008	5262	5411	5659	5933	6201	6448	6702	6950	7200	7448	7696	7946
3000	2906	3071	3238	3425	3635	3847	4140	4384	4601	4721	4933	5171	5403	5614	5831	6043	6869	7104	7339	7576
2750	2814	2970	3128	3291	3462	3661	3934	4138	4341	4483	4681	4906	5125	5323	5527	5725	6539	6761	6982	7206
2500	2580	2722	2866	3015	3161	3307	3556	3741	3926	4030	4210	4642	4847	5033	5223	5408	6209	6417	6626	6837
2250	2489	2622	2758	2898	3034	3169	3350	3522	3693	3792	3959	4153	4543	4742	4919	5091	5878	6074	6269	6467
800																				

Notices:

- The minimum door width is 960 mm and the minimum door height is 800 mm. The lowest grid price for each height and width applies.
- For interior use and in sheltered outdoor areas. Does not work if covered in ice or snow!



ShopRoller SR65-V RC 2 *

Anodised aluminium E6/C-0

With closed profile

Price incl. tubular operator and key switch (press-and-hold operation)

Details on standard and special versions:

- As standard with pull-out protection
- Galvanized barrel as standard
- For door technology see page 4
- For special equipment see page 15

* Tested in accordance with DIN EN 1627 and DIN/TS 18194

Door height	4500	5023	5394	5789	6171	6545	6920	7432	7816	8209	8434	8814	10196	10580	10962	11352	11734	12118	12500	12882	13261
	4250	4865	5221	5580	5967	6326	6686	7175	7543	7921	8140	8506	8903	10242	10608	10983	11349	11718	12085	12451	12815
	4000	4707	5048	5391	5764	6107	6451	6918	7270	7687	7902	8255	8640	8996	10320	10682	11036	11392	11746	12100	12451
	3750	4570	4875	5203	5538	5889	6217	6661	6999	7401	7609	7947	8317	8658	8996	10312	10651	10992	11331	11669	12005
	3500	4427	4680	4994	5313	5626	5961	6384	6707	7094	7295	7618	7972	8297	8620	8951	9274	10570	10893	11217	11537
	3250	4337	4581	4841	5148	5449	5751	6178	6488	6808	7003	7311	7649	7960	8267	8582	8890	9200	9508	10787	11092
	3000	3921	4128	4337	4569	4829	5090	5446	5744	6471	6659	6951	7275	7570	7862	8161	8453	8799	9092	9385	9675
	2750	3800	3995	4194	4398	4611	4857	5191	5442	6185	6366	6643	6951	7231	7508	7791	8068	8399	8677	8954	9229
	2500	3679	3864	4052	4246	4436	4625	4936	5172	5952	6128	6393	6688	6956	7220	7490	7755	8073	8338	8603	8865
	2250	3547	3720	3897	4078	4255	4432	4661	4880	5612	5811	6059	6338	6589	6837	7089	7338	7639	7887	8136	8381
	800																				
	1000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
	Door width																				

Notices:

- The minimum door width is 960 mm and the minimum door height is 800 mm. The lowest grid price for each height and width applies.
- For interior use and in sheltered outdoor areas. Does not work if covered in ice or snow!

ShopRoller SR65-V RC 3 *

Anodised aluminium E6/C-0

With closed profile

Price incl. tubular operator and key switch (press-and-hold operation)

Details on standard and special versions:

- As standard with pull-out protection
- Galvanized barrel as standard
- For door technology see page 4
- For special equipment see page 15

* Tested in accordance with DIN EN 1627 and DIN/TS 18194

Door height	4500	6213	6706	7177	7657	8129	8600	9240	9723	10205	10484	10957	12676
	4250	6016	6464	6943	7404	7856	8309	8921	9384	9847	10119	10574	11068
	4000	5857	6290	6753	7198	7635	8072	8661	9108	9557	9823	10263	10741
	3750	5686	6075	6492	6945	7363	7781	8342	8771	9201	9459	9880	10339
	3500	5509	5833	6231	6638	7063	7463	7997	8408	8818	9069	9470	9910
	3250	5360	5669	5998	6385	6766	7174	7682	8073	8464	8706	9088	9509
	3000	5134	5430	5729	6057	6419	6783	7301	7673	8044	8278	8641	9044
	2750	4985	5267	5552	5846	6150	6495	6947	7337	7688	7914	8259	8642
	2500	4871	5144	5420	5704	5982	6261	6690	7026	7400	7618	7947	8315
	2250	4706	4965	5227	5495	5758	6020	6348	6663	6977	7224	7532	7879
800	1000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
Door width													

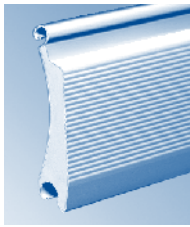
Notices:

- The minimum door width is 960 mm and the minimum door height is 800 mm. The lowest grid price for each height and width applies.
- For interior use and in sheltered outdoor areas. Does not work if covered in ice or snow!

Special equipment

ShopRoller SR

Article no.	Article	ShopRoller SR
Break-in-resistant locks		€
9800014	ABP 2 inside and outside, lockable bottom profile with profile cylinder 31.5 / 33.5 mm	Unit(s) 348
9800624	ABP 1 inside, lockable bottom profile with profile cylinder 35.5 / 10 mm	Unit(s) 348
9801386	Shootbolt SR	Unit(s) 53
RC versions, barrel side		€
9801118	RC 2 version, barrel side	Each 670
9801119	RC 3 version, barrel side	Each 807
Closed floor section		€
9801135	Closed floor section with SR65-V profile – max. 20 units	Per running metre section height 264
Self-supporting construction		€
9702520	Ceiling fitting support bracket set SR 4500	Per set 586
9801388	FTK SR self-supporting construction – ground fitting	Each 169
Booms		€
9801130	FS 110 × 100 aluminium boom	Per running metre door height 115
Boom accessories		€
9801384	Spacers set for FS 110 × 42 (50 units)	Per set 31
9801385	Spacers set for FS 110 × 100 (50 units)	Per set 55
Special bottom profile		€
9801270	Reinforced bottom profile 55 mm without bottom profile rubber Only in conjunction with booms FS 110 × 100!	Per running metre door width 157
Bottom profile rubber		€
9800549	Bottom profile rubber as an optional extra, required headroom + 30 mm, not for retrofitting!	Per running metre door width 19,20
Additional posts		See page 48
Key switches, each with 3 keys		€
9801115	STUP 50 Key switch (recessed, with 2 m connecting lead, 2-wire)	Each 62
9801116	STAP 50 Key switch (surface-mounted, with 2 m connecting lead, 2-wire)	Each 67
Emergency operation		€
9801110	Front side emergency operation SR tubular operator	Each 243



Rolling shutter Decotherm S SB

Galvanized steel without colour coating

Double-skinned, PU-foamed

Manually operated rolling shutters with counterbalance via tension springs

Optionally with shaft operator WA 250 R S4, WA 300 R S4 or WA 300 AR S4 with controls

Benefit from the advantages of the operator WA 300 AR

Details on standard and special versions:

- Galvanized barrel as standard.
- Door technology from page 5
- Special equipment from page 20
- Standard colours, preferred colours and special colours from page 46
- Operators and controls from page 49

Notices:

- A chain hoist must be used from a door height of 3500 mm
- Minimum door width 1000 mm
- Minimum door height 2000 mm
- For the minimum door width of 1000 mm and the minimum door height of 2000 mm, the lowest grid price for each height or width applies
- Window elements from 1300 mm door width

With optional operator WA 300 R S4 and WA 300 AR S4:



No SKS required for impulse operation

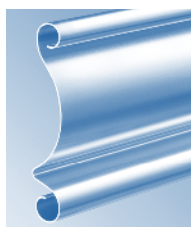


SKS required for impulse operation

Surcharge for coil coating In RAL 9002 or RAL 9006	Per m²	26 €
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Separate fitting (article no. 9800636)	Per door	147 €
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Door height												
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
4500	2319	2441	2561	2857	3012	3144	3307	3429	3584	3712	3834	3956
4250	2259	2346	2461	2747	2896	3022	3179	3316	3443	3565	3681	3799
4000	2209	2272	2374	2650	2794	2914	3066	3198	3321	3440	3550	3663
3750	2151	2210	2354	2563	2679	2793	2939	3066	3184	3296	3400	3507
3500	2052	2107	2312	2408	2518	2617	2749	2863	2975	3087	3185	3285
3250	1987	2043	2236	2305	2392	2485	2599	2721	2834	2929	3025	3119
3000	1928	1981	2166	2232	2298	2367	2474	2590	2697	2785	2875	2963
2750	1843	1885	2065	2122	2186	2236	2315	2397	2508	2590	2666	2749
2500	1773	1916	1981	2031	2096	2143	2207	2257	2346	2423	2500	2577
2250	1714	1851	1914	1961	2022	2066	2127	2174	2237	2281	2350	2421
Door width												



Rolling shutter HR 120 A SB

Bright-rolled aluminium

Single-skinned

Manually operated rolling shutters with counterbalance via tension springs

Optionally with shaft operator WA 250 R S4, WA 300 R S4 or WA 300 AR S4 with controls

Benefit from the advantages of the operator WA 300 AR

Notices:

- A chain hoist must be used from a door height of 3500 mm
- Minimum door width 1750 mm
- Minimum door height 2000 mm
- For the minimum door width of 1750 mm and the minimum door height of 2000 mm the lowest grid price for each height or width applies

Details on standard and special versions:

- Galvanized barrel as standard.
- Door technology from page 5
- Special equipment from page 20
- Standard colours, preferred colours and special colours from page 46
- Operators and controls from page 49

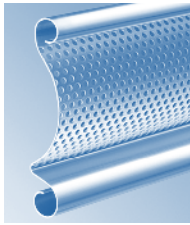
With optional operator WA 300 R S4 and WA 300 AR S4:

SKS required for impulse operation

Surcharge for coil coating
Outside in RAL 9002 or RAL 9006,
Basalt grey protective paint RAL 7012
inside

Per m² **35 €**

Door height	4500	2632	2849	3025	3222	3409	3591	3768	3944	4129	4306	4645	4843
	4250	2536	2745	2914	3103	3282	3456	3625	3794	3971	4141	4470	4660
	4000	2417	2616	2775	2954	3122	3287	3445	3604	3772	3933	4247	4427
	3750	2337	2512	2663	2834	2995	3151	3302	3453	3615	3918	4071	4243
	3500	2222	2350	2491	2645	2796	2948	3090	3230	3383	3663	3806	3971
	3250	2145	2255	2356	2514	2657	2797	2932	3068	3213	3477	3612	3761
	3000	2078	2183	2270	2395	2531	2664	2791	2919	3056	3308	3450	3577
	2750	1978	2080	2160	2240	2342	2474	2591	2703	2830	3069	3194	3312
	2500	1901	1994	2070	2149	2236	2320	2429	2629	2748	2874	2984	3096
	2250	1813	1899	1970	2042	2122	2199	2269	2439	2548	2664	2764	2865
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000
Door width													



Rolling shutter HR 120 aero SB

Bright-rolled aluminium
Single-skinned

Manually operated rolling shutters with counterbalance via tension springs

Optionally with shaft operator WA 250 R S4, WA 300 R S4 or WA 300 AR S4 with controls

Benefit from the advantages of the operator WA 300 AR

Notices:

- A chain hoist must be used from a door height of 3500 mm
- Minimum door width 1750 mm
- Minimum door height 2000 mm
- For the minimum door width of 1750 mm and the minimum door height of 2000 mm the lowest grid price for each height or width applies
- Available as external rolling shutter in a bright-rolled version
- Preferred colours and special colours not available

With optional operator WA 300 R S4 and WA 300 AR S4:

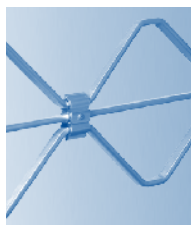
☐ SKS required for impulse operation

Surcharge for coil coating
Outside in RAL 9002 or RAL 9006,
Basalt grey protective paint RAL 7012
inside Per m² 40 €

Details on standard and special versions:

- Galvanized barrel as standard.
- Door technology from page 5
- Special equipment from page 20
- Standard colours from page 46
- Operators and controls from page 49

Door height	4000	2820	3004	3232	3414	3632	3814	3996	4185
	3750	2727	2883	3103	3276	3485	3658	3838	4012
	3500	2596	2706	2904	3065	3254	3416	3592	3756
	3250	2507	2611	2747	2899	3094	3248	3410	3565
	3000	2430	2550	2647	2761	2947	3094	3247	3393
	2750	2316	2433	2523	2614	2729	2864	3016	3151
	2500	2227	2314	2419	2506	2607	2695	2829	2954
	2250	2127	2207	2306	2385	2479	2558	2646	2741
		2250	2500	2750	3000	3250	3500	3750	4000
Door width									



Rolling grille HG-L SB

Bright-rolled aluminium

Honeycomb connections with crossbar

Manually operated rolling grilles with counterbalance via tension springs

Optionally with shaft operator WA 250 R S4, WA 300 R S4 or WA 300 AR S4 with controls

Incl. pull-out protection

Benefit from the advantages of the operator WA 300 AR

Notices:

- A chain hoist must be used from a door height of 3500 mm
 - Minimum door width 1000 mm
 - Minimum door height 2000 mm
 - For the minimum door width of 1000 mm and the minimum door height of 2000 mm, the lowest grid price for each height or width applies
- Details on standard and special versions:
- Galvanized barrel as standard.
 - Door technology from page 6
 - Special equipment from page 20
 - Special colours from page 47
 - Operators and controls from page 49

With optional operator WA 300 R S4 and WA 300 AR S4:

No SKS required for impulse operation

SKS required for impulse operation

Door height	4500	4843	5257	5626	6018	6388	6764	7133	7503	7871	8241	8779	9173	9545	9927	10299	10713
	4250	4618	5011	5359	5729	6078	6432	6780	7127	7475	7988	8338	8710	9061	9421	9772	10165
	4000	4393	4763	5090	5439	5766	6099	6426	6751	7079	7566	7895	8246	8575	8914	9243	9614
	3750	4226	4582	4893	5227	5539	5856	6168	6479	6793	7260	7574	7910	8224	8548	8862	9218
	3500	3986	4311	4601	4906	5196	5499	5790	6080	6372	6805	7097	7414	7707	8001	8327	8619
	3250	3808	4104	4379	4681	4957	5239	5516	5794	6071	6479	6756	7049	7329	7606	7902	8179
	3000	3586	3858	4111	4393	4647	4909	5165	5422	5678	6060	6315	6587	6845	7101	7376	7631
	2750	3375	3605	3837	4069	4304	4554	4789	5017	5251	5610	5844	6087	6321	6559	6816	7050
	2500	3222	3431	3624	3846	4065	4291	4511	4818	5037	5275	5494	5716	5935	6159	6379	6615
	2250	3022	3213	3387	3562	3757	3962	4159	4357	4639	4836	5053	5253	5451	5654	5852	6067
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
		Door width															

Special equipment

Rolling shutters SB and rolling grilles SB

Article no.	Article		Rolling shutters			Rolling grilles
			Decotherm S SB	HR 120 A SB	HR 120 aero SB	HG-L SB
Window and ventilation elements						
9800083	Window profiles Decotherm	Per running metre door width	51	–	–	–
9800084	Window profiles Decotherm, “logistics” version = 2 profiles with 2 x 2 window elements each	Per rolling shutter	172	–	–	–
9801140	Ventilation grille profiles Decotherm	Per running metre door width	63	–	–	–
9801141	Ventilation opening profile Decotherm	Per running metre door width	63	–	–	–
9800042	Window profiles HR 120	Per running metre door width	–	42	–	–
9800040	Window elements HR 120, “logistics” version	Per rolling shutter	–	101	–	–
Fascia panel						
9801924	SB fascia panel, galvanized sheet steel	Up to door widths of 3000 mm	Unit(s)	296	296	296
9801925		From door widths of 3001 mm	Unit(s)	622	622	622
Fascia panel BST60 for rolling shutters						
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum height: 300 mm, maximum height: 1300 mm, maximum width: 10000 mm (notice: two-part from 5000 mm width)						
9805507	Infill: rolling shutter laths	Up to 2 m² each	1116	1116	1116	–
9805501	Infill: galvanized steel, without colour coating, double-skinned, PU foamed	Every additional m²	558	–	–	–
9805503	Infill: bright-rolled aluminium, single-skinned	Every additional m²	–	558	–	–
9805503	Infill: bright-rolled aluminium, single-skinned, perforated	Every additional m²	–	–	558	–
Fascia panel BST60 for rolling grille						
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum height: 300 mm, maximum height: 1300 mm, maximum width: 10000 mm (notice: two-part from 5000 mm width)						
9805511	Infill: bright-rolled aluminium, honeycomb connection with crossbar	Up to 2 m² each	–	–	–	1744
9805504		Every additional m²	–	–	–	872
Side panel BSL60 for rolling shutters						
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum width: 300 mm, maximum width: 1300 mm, maximum height: 10000 mm (notice: two-part from 5000 mm height)						
9805607	Infill: rolling shutter laths	Up to 2 m² each	1596	1596	1596	–
9805601	Infill: galvanized steel, without colour coating, double-skinned, PU foamed	Every additional m²	798	–	–	–
9805603	Infill: bright-rolled aluminium, single-skinned	Every additional m²	–	798	–	–
9805603	Infill: bright-rolled aluminium, single-skinned, perforated	Every additional m²	–	–	798	–
Side panel BSL60 for rolling grille						
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum width: 300 mm, maximum width: 1300 mm, maximum height: 10000 mm (notice: two-part from 5000 mm height)						
9805611	Infill: bright-rolled aluminium, honeycomb connection with crossbar	Up to 2 m² each	–	–	–	2070
9805604		Every additional m²	–	–	–	1035

Special equipment

Rolling shutters SB and rolling grilles SB

Article no.	Article		Rolling shutters			Rolling grilles
			Decotherm S SB	HR 120 A SB	HR 120 aero SB	HG-L SB
9705220	Protection to exclude the possibility of reaching through for side panel with rolling grille infill	Per m²	–	–	–	313
Lintel seal						
9800036	Brush seal	Per running metre door width	35	35	35	–
Trap guard PVSB up to 3000 mm door height						
9800013	Galvanized sheet steel up to 3000 mm curtain width	Unit(s)	453	453	453	453
9800052	Galvanized sheet steel from 3001 mm to 6000 mm curtain width	Unit(s)	631	631	631	631
Trap guard PVSB over 3000 mm door height						
9800872	Galvanized sheet steel up to 3000 mm curtain width	Unit(s)	799	799	799	799
9800873	Galvanized sheet steel from 3001 mm to 6000 mm curtain width	Unit(s)	1029	1029	1029	1029
9800647	Extension set PV SB / PV TGT	Per side	58	58	58	58
9801799	Groove sealing strip for PV DD, PV SB and PV TGT, 15 mm x 8 m	Unit(s)	31	31	31	31
Operator cover (only in conjunction with PVSB)						
9800904	VWA cover for shaft operator	Unit(s)	359	359	359	359
Break-in-resistant locks						
9800014	ABP 2 inside and outside, lockable bottom profile	Unit(s)	348	348	348	348
9800624	ABP 1 inside, lockable bottom profile	Unit(s)	348	348	348	348
9800038	Shootbolt SB (not for external rolling shutters and external rolling grilles)	Unit(s)	54	54	54	54
Actuation type						
9800034	Pull rod SB	Unit(s)	59	59	59	59
9800035	Chain hoist SB	Unit(s)	155	155	155	155
9800879	Chain tensioner for chain hoist	Unit(s)	201	201	201	201
Chamfered bottom profile						
9800676	Up to a max. 10% height difference for the door width, single-skinned Notices: • HG-L SB minimum door width from 3000 mm up to 5800 mm • A chamfered bottom profile is not possible for HR 120 A SB!	Per running metre door width	331	–	–	331
Boom accessories						
9801240	AFA aluminium spring chamber cover with vision field	Per running metre door height	94	94	94	94
Boom fitting						
9800919	FS 160 angle fitting	Per running metre door height	177	177	177	177
Photocell mounting plate						
9801430	Photocell mounting plate set	Unit(s)	25	25	25	25
Protection against martens						
9800795	Protection against martens with HR 120 A bright-rolled profiles	Per running metre door width	–	–	–	68
External rolling shutter						
	Version as external rolling shutter / external rolling grille		No surcharge	No surcharge	No surcharge	No surcharge
	For the external rolling shutter, we recommend: • Trap guard PVSB • Operator cover VWA • Break-in-resistant lock ABP2 • Spring chamber cover AFA		See above for surcharges			See above for surcharges
Additional posts			See page 48			



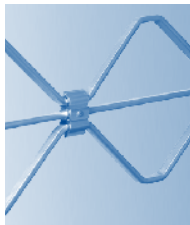
Double-skinned, PU-foamed

Benefit from the advantages of the operator WA 300 AR

- Galvanized barrel as standard.
- Door technology from page 5
- Special equipment from page 24
- Standard colours, preferred colours and special colours from page 46
- Operators and controls from page 50

Separate fitting (article no. 9800636)	Per door	147 €
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Industrial price list (EN) 06-22.1 **HÖRMANN**



Rolling grille HG-L TGT

Bright-rolled aluminium

Honeycomb connections with crossbar

Underground garage rolling grilles with counterbalance via tension springs, with WA 300 R S4 shaft operator with integrated control or optionally with WA 300 AR S4 with external control 300 / 360

Incl. pull-out protection

Benefit from the advantages of the operator WA 300 AR

Notices:

- Minimum door width 1000 mm
- Minimum door height 2000 mm
- For the minimum door width of 1000 mm and the minimum door height of 2000 mm, the lowest grid price for each height or width applies

Details on standard and special versions:

- Galvanized barrel as standard.
- Door technology from page 6
- Special equipment from page 24
- Special colours from page 47
- Operators and controls from page 50

With operator WA 300 R S4:

☐ No SKS required for impulse operation

Door height	2400	4244	4480	4694	4936	5178	5440	5682	5918	6160	6539	6781	7034	7276	7522	7765	8034
	2250	4070	4287	4485	4685	4906	5140	5365	5591	5910	6136	6382	6611	6836	7067	7293	7538
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000
		Door width															

Special equipment

Rolling shutters TGT and rolling grilles TGT

Article no.	Article		Rolling shutter Decotherm S TGT	Rolling grilles HG-L TGT
Window and ventilation elements				
9800083	Window profiles Decotherm	Per running metre door width	51	–
9800084	Window profiles Decotherm, "logistics" version = 2 profiles each with 2 x 2 window elements	Per rolling shutter	172	–
9801140	Ventilation grille profiles Decotherm	Per running metre door width	63	–
9801141	Ventilation opening profile Decotherm	Per running metre door width	63	–
Fascia panel BST60 for rolling shutters				
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum height: 300 mm, maximum height: 1300 mm, maximum width: 10000 mm (notice: two-part from 5000 mm width)				
9805507	Infill: galvanized steel, without colour coating, double-skinned, PU	Up to 2 m² each	1116	–
9805501	foamed	Every additional m²	558	–
Fascia panel BST60 for rolling grille				
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum height: 300 mm, maximum height: 1300 mm, maximum width: 10000 mm (notice: two-part from 5000 mm width)				
9805511	Infill: bright-rolled aluminium, honeycomb connection with crossbar	Up to 2 m² each	–	1744
9805504		Every additional m²	–	872
Side panel BSL60 for rolling shutters				
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum width: 300 mm, maximum width: 1300 mm, maximum height: 10000 mm (notice: two-part from 5000 mm height)				
9805607	Infill: galvanized steel, without colour coating, double-skinned, PU	Up to 2 m² each	1596	–
9805601	foamed	Every additional m²	798	–
Side panel BSL60 for rolling grille				
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum width: 300 mm, maximum width: 1300 mm, maximum height: 10000 mm (notice: two-part from 5000 mm height)				
9805611	Infill: bright-rolled aluminium, honeycomb connection with crossbar	Up to 2 m² each	–	2070
9805604		Every additional m²	–	1035
9705220	Protection to exclude the possibility of reaching through for side panel with rolling grille infill	Per m²	–	313
Lintel seal				
9800036	Brush seal	Per running metre door width	35	–
Trap guard PVTGT up to 2400 mm door height				
9801250	Galvanized sheet steel up to 3000 mm curtain width	Unit(s)	453	453
9801251	Galvanized sheet steel from 3001 mm to 6000 mm curtain width	Unit(s)	632	632
9800647	Extension set PV SB / PV TGT	Per side	58	58
9801799	Groove sealing strip for PV DD, PV SB and PV TGT, 15 mm x 8 mm	Unit(s)	31	31
Operator cover (only in conjunction with PVTGT)				
9801255	VWA cover for shaft operator	Unit(s)	359	359
Fascia panel				
9801926	TGT fascia panel,	Up to door widths of 3000 mm	Unit(s)	296
9801927	galvanized sheet steel	From door widths of 3001 mm	Unit(s)	622
Break-in-resistant locks				
9800014	ABP 2 inside and outside, lockable bottom profile	Unit(s)	348	348
9800624	ABP 1 inside, lockable bottom profile	Unit(s)	348	348
Chamfered bottom profile				
9800676	Up to a max. 10% height difference for the door width, single-skinned Notice: HG-L TGT minimum door width from 3000 mm up to 5800 mm.	Per running metre door width	331	331
Boom accessories				
9801240	AFA aluminium spring chamber cover with vision field	Per running metre door height	94	94
Boom fitting				
9800919	FS 160 angle fitting	Per running metre door height	177	177
Photocell mounting plate				
9801430	Photocell mounting plate set	Unit(s)	25	25
Protection against martens				
9800795	Protection against martens with HR 120 A bright-rolled profiles	Per running metre door width	–	68

Special equipment

Rolling shutters TGT and rolling grilles TGT

Article no.	Article	Rolling shutter Decotherm S TGT	Rolling grilles HG-L TGT
External rolling shutter			
	Version as external rolling shutter / external rolling grille	No surcharge	No surcharge
	For the external rolling shutter, we recommend: • Trap guard PVTGT • Operator cover VWA • Break-in-resistant lock ABP2 • Spring chamber cover AFA	See above for surcharges	See above for surcharges
Additional posts		See page 48	



Rolling shutter Decotherm S DD

Galvanized steel without colour
coating

Double-skinned, PU-foamed

Door price includes direct drive operator and control 445 R

Details on standard and special versions:

- Galvanized barrel as standard.
- With wind locks as standard
- Door technology from page 5
- Special equipment from page 38
- Controls from page 56
- Direct drive operators from page 72

0000 Direct drive operator

0000 Direct drive operator, accessory package S6 is possible in the specified size range. Note the surcharge!

Door height	9000	6999	7317	7946	8263	8605	8922	10638	10956	11297	11615	11934	12253	12595	13611	13930	14248	14600	14920	15238	15557	
	8750	6876	7186	7496	8117	8452	8762	10471	10781	11116	11427	11738	12050	12385	12697	13705	14016	14361	14673	14984	15296	
	8500	6534	7074	7378	7993	8321	8625	8928	10631	10960	11265	11570	11875	12204	12510	12815	13816	14155	14460	14765	15070	
	8250	6459	6992	7288	7896	8217	8513	8809	10506	10827	11125	11423	11721	12043	12341	12639	12936	13964	14262	14560	14858	
	8000	6335	6861	7150	7439	8064	8353	8642	8932	10646	10936	11227	11518	11832	12124	12414	12704	13725	14016	14306	14597	
	7750	6242	6525	7044	7326	7945	8228	8511	8795	10502	10786	11071	11355	11664	11948	12232	12516	12834	13815	14099	14383	
	7500	6152	6428	6939	7215	7515	8102	8378	8655	8956	10632	10909	11186	11487	11765	12041	12318	12628	12906	13879	14156	
	7250	5558	5903	6147	6392	6883	7128	7373	7932	8242	8488	8734	8981	10709	10956	11202	12134	12438	12709	12979	13946	
	7000	5468	5806	6044	6283	6767	7007	7246	7487	8102	8342	8582	8822	9081	10785	11024	11264	11533	11774	12013	12253	
	6750	5350	5582	5911	6143	6384	6853	7085	7319	7926	8159	8391	8625	8877	10572	10804	11037	11299	11533	11764	11997	
	6500	5247	5472	5793	6017	6252	6478	6938	7165	7453	7991	8216	8442	8686	8913	10600	10826	11080	11306	11531	11756	
	6250	5153	5372	5687	5905	6134	6353	6808	7028	7310	7529	8060	8279	8518	8738	8956	10638	10885	11105	11324	11543	
	6000	4681	5024	5234	5544	5765	5977	6188	6637	6912	7124	7336	7860	8091	8304	8515	8727	10670	10883	11094	11306	
	5750	4382	4719	4922	5224	5438	5643	5846	6287	6554	6758	6962	7478	7798	8003	8206	8411	8645	10678	10883	11088	
	5500	4277	4474	4802	4999	5304	5501	5697	5894	6391	6588	6784	6981	7601	7799	7996	8194	8420	8619	10643	10842	
	5250	4182	4372	4692	4882	5081	5369	5558	5748	6001	6427	6616	6806	7103	7606	7795	7986	8205	8397	8586	8902	
	5000	3694	3946	4107	4267	4438	4730	4891	5052	5374	5534	5696	5857	6137	6535	6697	6859	7348	7522	7696	8181	
	4750	3602	3847	4000	4153	4316	4470	4755	4909	5125	5377	5531	5685	5954	6109	6263	6654	6837	7303	7469	7635	
	4500	3507	3654	3890	4036	4192	4338	4484	4763	4971	5118	5364	5511	5768	5916	6063	6210	6386	7081	7240	7399	
	4250	3421	3561	3701	3931	4080	4220	4360	4500	4835	4975	5116	5356	5603	5744	5885	6026	6195	6647	7036	7189	
	4000	3324	3457	3590	3813	3955	4087	4220	4353	4549	4814	4948	5082	5317	5550	5683	5817	5979	6113	6569	6715	
	3750	3229	3355	3480	3605	3830	3956	4081	4208	4397	4523	4781	4908	5132	5259	5483	5609	5764	5891	6340	6478	
	3500	3143	3262	3381	3500	3628	3838	3957	4078	4261	4380	4501	4753	4966	5087	5206	5326	5573	5693	5813	6268	
	3250	3046	3158	3270	3381	3503	3615	3818	3932	4107	4220	4333	4445	4632	4877	4989	5102	5243	5356	5567	6014	
	3000	2935	3040	3144	3249	3363	3469	3574	3680	3939	4044	4150	4255	4446	4552	4657	4894	5028	5134	5239	5344	
	2750	2849	2948	3046	3145	3253	3352	3451	3551	3712	3902	4001	4100	4281	4380	4479	4578	4705	4937	5036	5135	
	2500	2688	2780	2871	2963	3064	3156	3247	3340	3440	3532	3624	3806	3965	4057	4149	4241	4347	4439	4531	4622	
	2250	2599	2684	2768	2853	2947	3031	3115	3200	3294	3378	3463	3548	3695	3870	3955	4039	4138	4223	4307	4392	
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000	
		Door width																				

Notices:

- For the minimum door width of 1000 mm, the lowest grid price for each height or width applies.
- Window elements from 1300 mm door width

Notice on accessory package S6:

Accessory package S6 (from door height 2500 mm) only available with coil coating.

Surcharge for coil coating
In RAL 9002 or RAL 9006

Per m²

26 €

Surcharge for accessory package S6

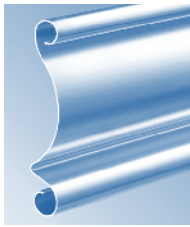
Per door

6743 €

Accessory package S6 contains:

- FU direct drive operator with digital limit switch
- Frequency converter control B 971 R S6 (see page 59)
- Light grille
- L-pads

	15987	16413	16676	16940	18584	18922	19833	20170	20532	20870	22228	22636	-	-	-	-	-	-	-	-	9000
	15719	16137	16393	16650	18373	18704	19036	19940	20295	20627	21978	22380	23001	-	-	-	-	-	-	-	8750
	15487	15899	16149	16399	18134	18458	18782	19106	20027	20352	21695	22090	22704	23104	-	-	-	-	-	-	8500
	15275	15679	15922	16165	17881	18198	18515	18832	19172	20063	20379	21786	22393	22786	23178	23569	-	-	-	-	8250
	15006	15403	15639	15875	17666	17976	18287	18597	18932	19243	20126	21527	22128	22514	22899	23284	23695	-	-	-	8000
	14787	15177	15406	15636	17439	17742	18046	18349	18676	18980	19283	21249	21842	22221	22599	22978	23380	23759	-	-	7750
	14552	14935	15157	15379	17217	17514	17811	18107	18428	18726	19022	20409	21569	21942	22314	22685	23082	23454	23826	-	7500
	14336	14713	14928	15144	16953	17242	17532	17821	18135	18425	18714	19004	20674	21039	21977	22341	22730	23095	23459	23825	7250
	12608	12848	13087	13328	16722	17005	17287	17569	17876	18158	18440	18722	20385	20743	21101	21458	22413	22770	23127	23485	7000
	12345	12578	12810	13043	16492	16768	17044	17320	17620	17896	18172	18447	20104	20456	20806	21157	21533	22457	22808	23159	6750
	12096	12322	12547	12773	16231	16500	16769	17037	17330	17599	17867	18136	19785	20129	20473	20817	21185	21529	21872	22789	6500
	11877	12096	12314	12534	15997	16259	16520	16781	17067	17329	17590	17851	19406	19830	20166	20503	20864	21200	21536	21873	6250
	11632	11845	12056	12268	14270	16037	16292	16547	16826	17082	17337	17591	19140	19558	19888	20218	20573	20903	21232	21563	6000
	11408	11614	11819	12025	13024	14741	14959	15177	15418	15637	15854	16072	17583	17964	18257	18549	18867	19160	19453	19746	5750
	11154	11353	11550	11749	12772	13817	14726	14937	15172	15384	15596	15807	17312	17529	17973	18259	18570	18857	19143	19430	5500
	10911	11102	11292	11484	12561	12797	13734	14634	14857	15062	15266	15470	16963	17172	17609	17888	18186	18466	18745	19025	5250
	8594	10820	11048	11233	12298	12527	13443	13640	13856	14749	14946	15143	16628	16830	17032	17532	17823	18095	18367	18639	5000
	8037	8515	9082	10963	12055	12276	13219	13410	13619	13810	14697	14887	16366	16562	16757	17250	17535	17801	18066	18333	4750
	7793	7953	8823	8994	11843	12058	12273	13154	13356	13540	13723	13906	16074	16263	16451	16937	17214	17473	17731	17990	4500
	7577	7730	7926	8756	10133	11804	12011	12872	13067	13243	13419	13595	15059	15240	15421	16298	16867	17117	17368	17620	4250
	7332	7477	7657	8486	9678	10120	11784	12641	12830	13000	13169	13339	14797	14972	15146	15320	16579	16824	17068	17313	4000
	6851	6990	7401	8247	9434	9629	9823	10258	12564	12726	12889	13051	14502	14669	14836	15003	15190	15796	16033	16967	3750
	6635	6767	6933	7066	9184	9371	9557	9745	12277	12433	12588	12743	14186	14347	14506	14666	14845	15444	15674	15905	3500
	6374	6499	6652	6778	8957	9137	9318	9498	9698	12174	12323	12471	13909	14063	14216	14369	14542	15134	15358	15582	3250
	6130	6247	6393	6511	8402	8575	8748	9233	9426	11901	12042	12183	13613	13760	13906	14052	14218	14364	15019	15236	3000
	5816	5927	6161	6272	8187	8354	8521	8688	9186	10208	10342	11875	13298	13437	13576	13715	13873	14012	14151	14870	2750
	5071	5522	5648	5752	7630	7784	7937	8090	8253	8407	9735	9856	11256	12782	12908	13034	13170	13296	13422	14128	2500
	4702	4787	5260	5357	7151	7297	7679	7825	7980	8127	8272	9568	10961	11080	11199	11318	11446	12964	13083	13202	2250
	7250	7500	7750	8000	8250	8500	8750	9000	9250	9500	9750	10000	10250	10500	10750	11000	11250	11500	11750	12000	Door width



Rolling shutter HR 120 A DD

Bright-rolled aluminium

Single-skinned

- Door price includes direct drive operator and control 445 R
- Details on standard and special versions:
- Galvanized barrel as standard.
 - Wind locks as standard
 - Door technology from page 5
 - Special equipment from page 38
 - Standard colours, preferred colours and special colours from page 46
 - Controls from page 56
 - Direct drive operators from page 72

0000 Direct drive operator

Door height	Door width																			
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
8000	5836	6147	6574	6884	7304	7614	7924	8236	8569	9090	9403	9714	10047	10636	10948	11259	11600	11913	12225	12536
7750	5751	6055	6359	6779	7105	7496	7799	8105	8431	8945	9251	9556	9882	10188	10769	11074	11408	11714	12019	12324
7500	5298	5573	5845	6119	6518	6791	7064	7427	7758	8033	8307	8582	9083	9359	9633	9908	10207	10760	11033	11308
7250	5193	5461	5626	5993	6269	6530	6819	7076	7599	7867	8135	8403	8668	8967	9234	9502	9795	10064	10607	10875
7000	5021	5360	5617	5875	6142	6518	6776	7037	7439	7698	7958	8217	8493	8754	9222	9481	9765	10026	10284	10820
6750	4918	5251	5501	5752	6013	6264	6633	6887	7195	7535	7788	8040	8310	8563	8815	9277	9555	9809	10060	10313
6500	4806	5050	5372	5614	5867	6110	6353	6715	7015	7259	7590	7834	8095	8340	8583	8826	9305	9550	9793	10037
6250	4714	4951	5267	5503	5749	5986	6222	6577	6870	7107	7432	7669	7923	8161	8397	8635	8897	9345	9581	9818
6000	4411	4641	4869	5180	5419	5649	5879	6110	6513	6744	6974	7292	7539	7771	8000	8231	8486	8718	9157	9387
5750	4121	4342	4562	4862	5092	5312	5532	5753	6029	6367	6587	6894	7218	7440	7659	7880	8127	8349	8570	9001
5500	4030	4245	4457	4671	4974	5188	5400	5615	5885	6098	6429	6725	6955	7258	7471	7686	7925	8141	8355	8569
5250	3922	4128	4332	4537	4831	5036	5240	5447	5707	5912	6117	6518	6740	6947	7239	7445	7676	7883	8088	8294
5000	3792	3992	4189	4387	4595	4873	5070	5270	5524	5722	5920	6327	6556	6757	6955	7242	7466	7666	7864	8063
4750	3690	3880	4069	4259	4457	4647	4916	5107	5352	5541	5731	6010	6231	6540	6729	6920	7135	7414	7604	7794
4500	3604	3788	3969	4152	4344	4527	4709	4973	5212	5395	5579	5845	6059	6244	6544	6728	6937	7122	7392	7575
4250	3498	3674	3847	4021	4204	4378	4552	4727	5038	5212	5388	5641	5847	6023	6197	6489	6689	6866	7040	7215
4000	3412	3581	3748	3915	4092	4259	4425	4594	4899	5067	5235	5476	5675	5845	6012	6180	6491	6660	6828	6996
3750	3310	3470	3627	3786	3954	4113	4271	4431	4647	4887	5047	5276	5466	5627	5786	5946	6130	6291	6567	6727
3500	3006	3138	3269	3399	3539	3670	3802	3935	4122	4254	4387	4580	4742	4955	5087	5219	5375	5508	5640	5772
3250	2920	3045	3169	3293	3427	3551	3676	3803	3983	4108	4234	4417	4559	4685	4890	5015	5165	5291	5416	5541
3000	2803	2920	3035	3151	3276	3392	3509	3626	3798	3914	4032	4201	4348	4465	4582	4698	4920	5037	5154	5270
2750	2718	2827	2936	3046	3164	3274	3383	3494	3659	3769	3880	4038	4178	4289	4399	4508	4643	4754	4944	5053
2500	2612	2714	2814	2915	3025	3126	3227	3329	3486	3587	3689	3834	3966	4068	4169	4270	4396	4498	4599	4699
2250	2527	2622	2716	2810	2913	3008	3102	3197	3347	3441	3537	3669	3794	3890	3984	4078	4197	4292	4387	4481

Notices:

- For the minimum door width of 1750 mm, the lowest grid price for each height or width applies.

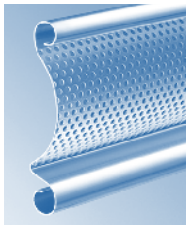
Surcharge for coil coating
Outside in RAL 9002 or RAL 9006,
Basalt grey protective paint RAL 7012
inside

Per m²

35 €

→ Door no longer fulfils wind load class 2 (EN 12424)

	14190	14596	14858	15122	16795	17124	17456	17786	18137	18468	18798	19128	21051	21382	21712	22042	22722	23114	23506	23900	8000
	13977	14377	14632	14890	16520	16841	17163	17485	17827	18150	18471	18792	20088	20411	21350	21671	22343	22726	23110	23495	7750
	11685	11959	12233	14579	16289	16604	16919	17234	17570	17886	18200	18515	19804	20120	20434	21367	22031	22408	22785	23164	7500
	11245	11513	11780	12049	15252	15585	15919	16252	17243	17550	17856	18162	19442	19749	20055	20361	20690	22003	22372	22741	7250
	11181	11440	11698	11959	13730	15355	15682	16008	16990	17290	17589	17889	19162	19463	19762	20061	20383	21072	22051	22414	7000
	10944	11196	11447	11701	13424	13742	15358	15676	16655	16947	17237	17528	18793	19085	19375	19666	19979	20659	21012	21984	6750
	10383	10627	11146	11391	13200	13511	13822	14134	16404	16689	16973	17257	18515	18800	19084	19368	19674	20347	20694	21041	6500
	10157	10394	10630	11145	12697	13000	13303	13605	13925	16354	16629	16904	18154	18430	18705	18980	19278	19553	20280	20619	6250
	9720	9950	10179	10411	12474	12769	13065	13361	13674	16049	16318	16586	17824	18094	18362	18631	18917	19185	19906	20238	6000
	9435	9657	9878	10101	11361	11623	11886	12149	12428	14698	14931	15165	16368	16602	16835	17068	17319	17552	18238	18535	5750
	8997	9422	9636	9852	10787	11318	11572	11826	12096	14436	14662	14889	16085	16313	16539	16765	17010	17236	17915	18205	5500
	8713	8920	9335	9542	10563	10810	11334	11582	11846	12094	14396	14616	15805	16026	16246	16465	16703	16923	17142	17878	5250
	8476	8676	8874	9285	10264	10502	10741	10979	11511	11751	12796	14249	15430	15642	15853	16064	16293	16504	16715	17442	5000
	8198	8389	8579	8771	10040	10271	10503	10735	10984	11217	12531	12736	13910	15358	15562	15766	15988	16193	16397	17117	4750
	7973	8157	8340	8525	9748	9971	10194	10417	10657	10881	11103	12389	13555	13751	13947	15385	15598	15794	15989	16186	4500
	7691	7866	8041	8217	9314	9740	9957	10173	10406	10624	10839	12118	13277	13467	13656	13845	15294	15483	15671	15861	4250
	7378	7634	7802	7972	9026	9234	9441	9649	10083	10292	10499	11765	12916	13097	13277	13457	13655	13835	14016	15439	4000
	7100	7260	7419	7668	8802	9003	9204	9405	9623	10035	10235	10436	12636	12810	12984	13157	13349	13522	13695	13870	3750
	6113	6245	6377	6967	8510	8702	8895	9087	9296	9490	9681	9873	12358	12526	12693	12859	13044	13211	13377	13545	3500
	5876	6001	6127	6592	8272	8458	8644	8829	9032	9218	9403	9588	11496	11870	12304	12462	12638	12796	12954	13113	3250
	5596	5713	5829	5947	7897	8161	8338	8515	8709	8887	9063	9240	9433	11286	11649	11798	11966	12391	12541	12691	3000
	5373	5482	5592	5704	7673	7843	8014	8271	8458	8629	8799	8969	9156	11001	11144	11500	11661	11803	11946	12366	2750
	5010	5192	5293	5396	7381	7542	7704	7866	8044	8207	8454	8616	8794	8957	10769	10903	11269	11403	11537	11672	2500
	4785	4879	4974	5070	7040	7195	7467	7622	7793	7949	8103	8258	8517	8673	10268	10605	10750	11091	11218	11347	2250
	7250	7500	7750	8000	8250	8500	8750	9000	9250	9500	9750	10000	10250	10500	10750	11000	11250	11500	11750	12000	Door width



Rolling shutter HR 120 aero DD

Bright-rolled aluminium Single-skinned

Door price includes direct drive operator and control 445 R

Details on standard and special versions:

- Galvanized barrel as standard.
- Wind locks as standard
- Door technology from page 5
- Controls from page 56
- Direct drive operators from page 72

0000 Direct drive operator

→ Door no longer fulfils wind load class 2 (EN 12424)

Door height	Door width																			
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
8000	6333	6667	6999	7331	7795	8127	8556	8891	9224	9558	9893	10460	10793	11128	11462	11796	12437	12772	13106	13439
7750	6242	6568	6893	7218	7674	7999	8325	8749	9076	9402	9730	10056	10616	10944	11270	11597	11923	12559	12885	13211
7500	5704	6087	6378	6670	6964	7256	7678	7973	8267	8657	8951	9245	9539	9834	10127	10653	10947	11242	11535	11828
7250	5605	5892	6265	6550	6836	7122	7536	7824	8111	8494	8781	9068	9354	9642	9928	10214	10734	11022	11307	11593
7000	5492	5769	6133	6409	6686	6963	7239	7647	7925	8202	8577	8854	9131	9410	9686	9964	10241	10753	11029	11306
6750	5380	5650	5917	6275	6546	6815	7084	7356	7756	8026	8297	8664	8934	9205	9474	9744	10014	10286	10788	11058
6500	5260	5521	5779	6128	6389	6650	6910	7172	7433	7824	8085	8346	8704	8967	9226	9487	9748	10011	10270	10764
6250	5161	5415	5666	5918	6262	6516	6769	7024	7277	7661	7915	8169	8423	8775	9027	9281	9535	9790	10043	10296
6000	4826	5073	5317	5563	5900	6146	6392	6640	6886	7133	7510	7756	8003	8250	8593	8839	9086	9334	9579	9826
5750	4483	4720	4955	5191	5428	5753	5988	6225	6461	6792	7029	7394	7630	7867	8102	8436	8673	8911	9147	9384
5500	4385	4615	4842	5071	5301	5619	5847	6077	6305	6625	6854	7083	7441	7672	7900	8130	8457	8688	8916	9146
5250	4269	4490	4708	4927	5148	5368	5676	5896	6116	6422	6642	6862	7081	7433	7652	7873	8093	8315	8632	8852
5000	4128	4341	4552	4765	4978	5191	5402	5705	5917	6230	6443	6655	6884	7098	7441	7654	7867	8082	8294	8604
4750	4018	4222	4424	4627	4832	5035	5237	5441	5733	6034	6238	6442	6661	6867	7070	7274	7608	7813	8016	8220
4500	3925	4122	4317	4513	4710	4906	5100	5298	5494	5871	6067	6264	6477	6675	6871	7068	7264	7593	7789	7985
4250	3812	4000	4185	4372	4560	4747	4932	5120	5307	5581	5859	6046	6250	6439	6625	6813	7001	7190	7506	7694
4000	3719	3900	4078	4258	4439	4618	4796	4978	5158	5419	5599	5869	6065	6247	6426	6607	6787	6969	7149	7329
3750	3609	3781	3950	4120	4292	4462	4631	4804	4975	5224	5395	5566	5843	6015	6186	6357	6528	6701	6871	7042
3500	3275	3416	3556	3695	3837	3976	4117	4259	4399	4608	4750	4891	5047	5189	5329	5470	5700	5842	5983	6123
3250	3183	3316	3449	3581	3715	3848	3982	4117	4250	4448	4582	4716	4849	4984	5118	5251	5384	5609	5742	5876
3000	3057	3182	3305	3428	3554	3678	3802	3928	4052	4235	4361	4485	4624	4750	4874	4999	5123	5249	5373	5497
2750	2982	3082	3198	3315	3433	3550	3667	3786	3903	4074	4193	4310	4442	4561	4678	4795	4912	5030	5147	5264
2500	2898	2975	3068	3175	3285	3393	3500	3610	3718	3875	3984	4092	4215	4325	4432	4540	4648	4757	4865	4973
2250	2835	2908	2979	3062	3164	3265	3366	3468	3568	3712	3814	3915	4031	4133	4234	4334	4435	4537	4638	4738

Notices:

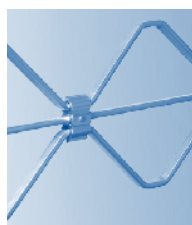
- For the minimum door width of 1750 mm, the lowest grid price for each height or width applies.

Surcharge for coil coating
Outside in RAL 9002 or RAL 9006,
Basalt grey protective paint RAL 7012
inside

Per m²

40 €

	13860	14299	14578	14859	18061	18416	18771	19125	19480	19835	20189	20544	21957	22313	22667	23021	23377	24164	25275	25700	8000
	13633	14064	14336	14610	17770	18115	18462	18807	19152	19498	19843	20188	21592	21939	22284	22629	22975	23753	24168	25271	7750
	12217	12818	13110	13405	17524	17862	18201	18539	18877	19216	19554	19891	21289	21628	21966	22303	22643	23414	23821	24229	7500
	11974	12261	12854	13141	14995	15354	15714	16073	17875	18860	19188	19517	20905	21235	21564	21892	22222	22551	23382	23781	7250
	11678	11955	12232	12818	14756	15108	15460	15813	16165	18582	18904	19225	20606	20929	21250	21571	21894	22216	23040	23432	7000
	11423	11693	11962	12233	14430	14773	15116	15459	15802	18217	18530	18842	20213	20527	20839	21151	21465	21777	22592	22975	6750
	11120	11381	11641	11903	14191	14527	14863	15199	15534	17942	18247	18552	19917	20223	20528	20833	21140	21445	22252	22628	6500
	10878	11131	11384	11639	13647	13974	14301	14628	14954	15282	17882	18178	19533	19830	20126	20422	20719	21015	21311	22180	6250
	10167	10647	10892	11140	13101	13728	14047	14367	14686	15007	17600	17888	19236	19526	19815	20103	20393	20682	20971	21833	6000
	9864	10101	10337	10809	11874	12157	12440	13030	13313	13597	14696	14946	17635	17887	18137	18387	18638	18888	19138	19961	5750
	9619	9849	10078	10309	11559	11832	12106	12379	12653	13235	14408	14651	15953	17578	17820	18063	18307	18550	18793	19609	5500
	9316	9537	9757	9979	11320	11586	11853	12119	12385	12653	12918	14359	15654	15891	17507	17743	17980	18215	18451	18688	5250
	9061	9275	9487	9702	11001	11258	11516	11773	12030	12288	12544	13969	15255	15483	15709	15936	17544	17770	17997	18224	5000
	8765	8969	9173	9379	10529	10779	11262	11512	11762	12013	12262	13680	14959	15179	15398	15617	15838	16057	17657	17877	4750
	8426	8623	8916	9115	10219	10460	10701	10941	11415	11657	11897	13312	14582	14793	15003	15213	15424	15634	15844	16056	4500
	8125	8313	8500	8690	9980	10213	10447	10681	10914	11382	11615	11848	14285	14489	14692	14895	15099	15302	15505	15709	4250
	7883	8064	8244	8426	9674	9899	10123	10347	10572	10798	11021	11245	13664	14097	14290	14484	14679	14872	15066	15261	4000
	7457	7629	7929	8103	9435	9652	9870	10087	10304	10523	10739	10956	13058	13483	13977	14163	14351	14537	14724	14912	3750
	6503	6644	6785	6928	9028	9333	9541	9749	9957	10167	10373	10581	10789	12942	13359	13538	14026	14205	14384	14565	3500
	6248	6382	6516	6651	8774	8974	9175	9473	9674	9876	10076	10277	10477	12538	12708	13116	13287	13457	13935	14106	3250
	5950	6074	6199	6325	8468	8660	8851	9043	9235	9525	9715	9907	10098	12145	12306	12467	12867	13028	13188	13351	3000
	5621	5738	5945	6064	8099	8413	8598	8782	8967	9153	9336	9617	9802	9988	11995	12149	12304	12695	12849	13004	2750
	5320	5428	5537	5646	7789	7964	8140	8445	8620	8797	8971	9146	9321	9498	11364	11509	11655	12032	12414	12560	2500
	5078	5179	5280	5383	7550	7718	7886	8054	8222	8522	8688	8856	9024	9194	9361	11191	11329	11467	11604	12213	2250
	7250	7500	7750	8000	8250	8500	8750	9000	9250	9500	9750	10000	10250	10500	10750	11000	11250	11500	11750	12000	
Door width																					



Rolling grille HG-L DD

Bright-rolled aluminium

Honeycomb connections with crossbar

// As standard with pull-out protection

Rolling grille price incl. direct drive operator and control 445 R

Details on standard and special versions:

- Galvanized barrel as standard.
- Door technology from page 6
- Special equipment from page 38
- Special colours from page 47
- Controls from page 56
- Direct drive operators from page 72

Door height	5500	6547	6982	7417	7851	8286	8817	9251	9686	10121	10555	10991	11564	12097	12532	12968	13507	13949	14385	14821	15610	
	5250	6339	6755	7169	7584	7999	8413	8924	9339	9753	10168	10583	10998	11506	12062	12477	12893	13314	13835	14250	15020	
	5000	6185	6586	6986	7386	7787	8188	8684	9085	9485	9885	10286	10687	11177	11718	12120	12521	12928	13330	13836	14591	
	4750	5977	6358	6738	7119	7500	7880	8260	8737	9117	9498	9879	10260	10726	11108	11490	12011	12398	12780	13161	13647	
	4500	5769	6130	6491	6851	7212	7572	7933	8294	8750	9111	9472	9834	10276	10638	10999	11361	11867	12229	12591	12952	
	4250	5615	5962	6308	6654	7001	7347	7693	8039	8386	8828	9176	9523	9947	10294	10642	10989	11342	11829	12176	12523	
	4000	5407	5734	6060	6386	6713	7039	7365	7692	8019	8346	8770	9097	9496	9824	10151	10478	10811	11139	11466	11933	
	3750	5253	5565	5877	6189	6501	6813	7125	7439	7752	8065	8378	8787	9167	9480	9793	10106	10425	10739	11052	11365	
	3500	5045	5337	5629	5921	6214	6506	6799	7092	7385	7678	7972	8265	8620	9010	9303	9596	9895	10188	10481	10774	
	3250	4837	5110	5382	5654	5926	6199	6472	6746	7019	7292	7566	7839	8170	8444	8717	9085	9364	9638	9911	10184	
	3000	4666	4925	5182	5440	5699	5958	6217	6476	6735	6994	7253	7512	7824	8084	8343	8601	8962	9221	9480	9738	
	2750	4458	4697	4935	5173	5413	5652	5890	6130	6369	6607	6847	7086	7374	7613	7852	8091	8335	8575	8909	9148	
	2500	4251	4469	4688	4907	5126	5345	5564	5783	6002	6221	6441	6659	6923	7143	7361	7580	7805	8024	8243	8462	
	2250	4097	4302	4506	4711	4916	5120	5325	5530	5735	5939	6144	6349	6594	6799	7004	7208	7419	7624	7828	8033	
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000	
	Door width																					

- Notices:**
- Door heights from 5500 mm to 8000 mm on request.
 - For the minimum door width of 1000 mm, the lowest grid price for each height or width applies.

	16287	16736	17184	17633	19881	20382	20883	21384													5500
	15677	16105	16534	16963	19406	19893	20379	20866													5250
	15234	15648	16062	16477	18741	19207	19674	20140													5000
	14623	15018	15412	15807	18265	18718	19170	19622													4750
	13909	14387	14762	15137	17271	17703	18464	18897													4500
	13466	13826	14186	14651	16605	17018	17430	17843													4250
	12489	13195	13536	13876	16130	16528	16926	17324													4000
	11906	12738	13064	13390	15464	15843	16221	16599													3750
	11296	11590	12274	12720	14739	15103	15717	16081													3500
	10686	10959	11624	11911	14074	14418	14762	15106													3250
	10226	10485	10745	11408	13392	13716	14040	14364													3000
	9616	9855	10094	10738	12917	13227	13536	13846													2750
	8910	9225	9444	9664	12147	12541	12831	13121													2500
	8466	8672	8877	9178	11482	11752	12022	12292													2250
	7250	7500	7750	8000	8250	8500	8750	9000	9250	9500	9750	10000	10250	10500	10750	11000	11250	11500	11750	12000	
Door width																					



Rolling grille HG-V DD

Reinforced bright-rolled aluminium

Stainless steel honeycomb connections

Rolling grille price incl. direct drive operator and control 445 R

Details on standard and special versions:

- Galvanized barrel as standard.
- Door technology from page 6
- Special equipment from page 38
- Controls from page 56
- Direct drive operators from page 72

// As standard with pull-out protection

0000 Direct drive operator

Door height	8000	11279	12221	13052	13884	14716	15810	18377	19300	20224	21148	23625	24550	25474	26398	27322	28247	29177	30101	31025	31950	
	7750	11039	11848	12766	13575	14384	15455	17955	18853	19751	20650	21548	24000	24898	25796	26695	27593	28498	29396	30294	31193	
	7500	10837	11628	12528	13319	14110	15163	17268	18492	19370	20248	21127	23558	24436	25315	26193	27071	27955	28834	29712	30590	
	7250	10596	11364	12241	13009	13777	14545	16847	18045	18898	19750	20603	21455	23860	24713	25565	26418	27276	28129	28981	29834	
	7000	10210	11101	11845	12699	13444	14190	16426	17253	18425	19252	20078	20905	21731	24111	24938	25764	26597	27424	28250	29077	
	6750	9969	10837	11559	12390	13112	13835	16005	16806	17952	18753	19554	20355	21156	23509	24310	25111	25918	26719	27519	28320	
	6500	9757	10607	11311	12124	12829	13534	15653	16434	17215	18341	19122	19902	20683	21464	23797	24578	25364	26145	26926	27706	
	6250	9517	10197	11024	11705	12496	13179	15233	15987	16742	17843	18597	19352	20107	20862	21617	23924	24685	25440	26195	26949	
	6000	9276	9934	10738	11396	12165	12824	14812	15541	16270	16999	18073	18802	19531	20260	20989	21718	24006	24735	25464	26193	
	5750	8990	9629	10415	11055	11695	12443	14117	15086	15794	16501	17208	18261	19075	19782	20490	21199	23467	24176	24884	25593	
	5500	8747	9363	9980	10743	11360	12085	13693	14637	15318	15999	16680	17707	18492	19174	19856	20539	21228	23464	24147	24830	
	5250	7618	8283	8846	9410	9974	10539	12185	12920	13545	14171	14795	15420	16406	17033	17658	18285	18917	19890	20515	21142	
	5000	7382	7923	8564	9105	9646	10187	11768	12477	13076	13676	14274	14874	15568	16431	17031	17632	18238	18839	19784	20385	
	4750	7146	7664	8282	8800	9318	9836	11351	11925	12607	13181	13754	14329	14993	15568	16403	16978	17559	18134	18708	19283	
	4500	6957	7457	7956	8557	9057	9557	11021	11575	12129	12792	13345	13900	14539	15094	15648	16465	17025	17580	18134	18689	
	4250	6721	7198	7674	8251	8729	9206	10458	11132	11660	12189	12826	13355	13963	14492	15020	15549	16346	16875	17403	17932	
	4000	6489	6943	7396	7850	8405	8859	10045	10547	11197	11700	12202	12814	13392	13895	14397	14900	15410	16175	16677	17180	
	3750	6253	6684	7114	7545	7976	8508	9628	10105	10583	11206	11682	12160	12817	13294	13770	14247	14731	15208	15684	16424	
	3500	6063	6476	6888	7301	7714	8228	9298	9756	10213	10816	11272	11729	12252	12819	13274	13731	14195	14652	15108	15565	
	3250	5827	6217	6606	6996	7386	7777	8882	9314	9745	10176	10606	11184	11676	12108	12647	13078	13516	13947	14377	14808	
	3000	5229	5561	5894	6227	6561	6895	7779	8149	8519	8889	9360	9729	10156	10526	10896	11266	11641	12011	12381	12897	
	2750	5039	5354	5669	5985	6301	6617	7451	7801	8151	8501	8850	9200	9702	10052	10402	10752	11108	11457	11807	12157	
	2500	4803	5095	5388	5681	5974	6267	7035	7359	7683	8007	8331	8655	9026	9451	9775	10099	10428	10753	11076	11400	
	2250	4567	4837	5107	5377	5647	5917	6619	6917	7215	7513	7812	8110	8450	8749	9047	9445	9749	10048	10346	10644	
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000	
		Door width																				

- Notices:**
- For the minimum door width of 1000 mm, the lowest grid price for each height or width applies.

	33751	34794	35657	36520	38694	39621	40549	41476	42404	43331	44259	45186	47402	48408	49414	51055	52061	53066	54072	55078	8000
	32196	33986	34823	35660	37834	38736	39637	40539	41441	42342	43244	44146	46336	47316	48295	49275	50891	51871	52851	53830	7750
	31574	32570	34160	34977	37154	38036	38917	39799	40680	41562	42443	43325	45495	46454	47414	48373	49333	50293	51888	52848	7500
	30791	31762	32553	34117	36294	37150	38006	38862	39717	40573	41429	42284	44331	45362	46296	47229	48163	49097	50031	51601	7250
	30008	30953	31719	32484	35435	36264	37094	37924	38754	39584	40414	41244	43265	44270	45178	46085	46994	47901	48809	49717	7000
	29226	30145	30884	31624	34575	35379	36183	36987	37791	38595	39399	40203	42198	43177	44059	44941	45824	46706	47588	48470	6750
	28592	29490	30210	30929	33889	34673	35457	36240	37024	37808	38592	39376	41352	42310	43172	44034	44896	45758	46620	47483	6500
	27809	28682	29376	30069	32256	33787	34545	35303	36061	36819	37577	38335	40285	41043	42054	42890	43727	44563	45399	46235	6250
	27026	27874	28541	29209	31396	32129	32861	34366	35098	35830	36563	37295	39219	39951	40936	41746	42557	43367	44177	44988	6000
	26407	27234	27882	28529	29849	30535	31221	31907	33366	34052	34738	35424	37301	37987	38926	39690	40454	41218	41982	42746	5750
	25618	26419	27041	27663	28984	29644	30304	30964	31624	33057	33717	34377	36229	36889	37549	38540	39278	40016	40755	41493	5500
	22013	22640	23265	23893	27137	27803	29595	30235	30875	31515	32928	33568	35399	36039	36679	37650	38368	39087	39805	40523	5250
	21230	21831	22431	23033	26278	26917	27556	29298	29912	30526	31140	31754	34333	34947	35561	36506	37199	37891	38583	39276	5000
	20448	21023	21597	22173	23795	26032	26645	28361	28949	29537	30126	30714	32494	33855	34443	35032	36029	36696	37362	38029	4750
	19488	20389	20943	21498	22857	23718	25933	27629	28197	28765	29333	29901	31661	32229	32797	34138	35116	35762	36408	37054	4500
	18705	19235	20109	20638	21997	22565	23399	26692	27234	27776	28319	28861	30595	31137	31679	32222	33173	34566	35187	35807	4250
	17923	18427	18929	19433	21137	21679	22220	23029	26271	26788	27304	27820	29528	30045	30561	31078	31594	32598	33193	34560	4000
	17141	17618	18095	18573	20469	20991	21511	22033	25308	25799	26289	26780	28462	28953	29444	29934	30425	31403	31971	32540	3750
	16524	16982	17438	17896	19609	20105	20600	21096	21592	24810	25275	25739	27396	27861	28326	28790	29255	29720	30750	31293	3500
	15479	15911	16604	17036	18404	18874	19689	20159	20629	24041	24486	24930	26567	27011	27456	27901	28345	28790	29800	30323	3250
	13892	14275	14658	15042	17527	17971	18414	18859	19649	23035	23454	23872	25483	25902	26321	26740	27158	27577	28561	29059	3000
	12746	13641	14004	14367	16667	17086	17503	17922	18340	18759	21108	23060	24650	25049	25448	25846	26245	26643	27042	28084	2750
	11964	12686	13024	13361	15996	16394	16791	17190	17588	17986	20094	20466	22031	23957	24330	24702	25075	25448	25821	26837	2500
	11182	11480	12190	12501	14874	15247	15618	16253	16625	16998	17369	19426	20965	21312	21659	22006	23906	24253	24600	24947	2250
	7250	7500	7750	8000	8250	8500	8750	9000	9250	9500	9750	10000	10250	10500	10750	11000	11250	11500	11750	12000	
	Door width																				



Rolling grille HG-S DD

Galvanized steel

Galvanized steel honeycomb connections

// As standard with pull-out protection

Rolling grille price incl. operator and control 445 R

Details on standard and special versions:

- Galvanized barrel as standard.
- Door technology from page 6
- Special equipment from page 38
- Special colours from page 47
- Controls from page 56
- Direct drive operators from page 72

0000 Direct drive operator

Door height	Door width																			
	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000
8000	10571	11277	13445	14150	14856	15561	16267	16973	18703	19428	20152	20876	21600	22324	23048	23772	25350	26084	26818	27552
7750	10367	11054	11740	13888	14575	15261	15947	16635	18337	19041	19745	20450	21154	21858	22563	23267	24818	25531	26245	26959
7500	10194	10865	11536	13670	14341	15012	15684	16356	18036	18725	19414	20103	20791	21480	22169	22858	23788	25085	25783	26481
7250	9664	10642	11294	11945	14060	14712	15365	16018	16942	18339	19008	19677	20346	21015	21684	22352	23255	23933	25210	25888
7000	9460	10418	11051	11683	13779	14412	15046	15680	16575	17224	18602	19251	19900	20549	21198	21847	22723	23380	24038	25295
6750	9256	10195	10808	11421	12035	14112	14727	15342	16209	16838	18195	18825	19454	20083	20713	21342	22190	22828	23465	24103
6500	9074	9672	10595	11193	11792	13854	14454	15054	15898	16512	17126	18468	19081	19695	20309	20923	21749	22371	22993	23615
6250	8870	9449	10353	10932	11512	13555	14135	14715	15532	16126	16720	17314	18636	19230	19823	20417	21216	21818	22420	23022
6000	8666	9225	9785	10670	11231	11792	13816	14377	15165	15739	16314	16888	18190	18764	19338	19912	20683	21265	21847	22429
5750	8166	8957	9501	10371	10916	11460	13467	14011	14776	15332	15890	16446	17105	18390	18947	19506	20256	20822	21388	21954
5500	7959	8732	9257	10107	10632	11157	11682	13670	14406	14943	15480	16018	16652	17190	18456	18995	19717	20263	20809	21355
5250	6916	7498	7976	8454	9180	9659	10136	10941	11619	12109	14379	14996	15579	16071	16562	17054	17719	18218	19443	19942
5000	6717	7279	7737	8197	8903	9363	9821	10280	11256	11726	12196	14574	15134	15606	16076	16548	17187	17665	18142	18621
4750	6517	6957	7499	7939	8379	9066	9505	9946	10893	11343	11793	12245	14688	15140	15591	16043	16654	17113	17570	18028
4500	6355	6781	7307	7732	8157	8582	9253	9678	10603	11039	11473	11910	12425	14770	15205	15642	16231	16674	17115	17558
4250	6018	6561	6966	7475	7880	8286	8938	9343	9915	10656	11072	11488	11980	12396	14720	15137	15699	16121	16543	16965
4000	5822	6347	6732	7221	7608	7994	8379	9013	9557	9953	10674	11071	11538	11935	12330	12851	15166	15569	15970	16372
3750	5622	5990	6493	6861	7331	7698	8064	8432	9195	9571	9947	10650	11093	11469	11845	12222	14634	15016	15397	15779
3500	5461	5813	6301	6653	7005	7460	7812	8165	8905	9266	9627	9988	10736	11098	11458	11819	12429	14576	14941	15307
3250	5261	5594	5925	6395	6729	7165	7498	7831	8296	8885	9225	9566	9965	10632	10972	11314	11771	12243	14368	14714
3000	4636	4919	5201	5578	5862	6145	6429	6713	7251	7542	7832	8225	8569	8859	9149	9440	10395	10701	11008	11314
2750	4475	4742	5010	5278	5641	5909	6178	6446	6825	7238	7513	7787	8214	8489	8763	9038	9725	10016	10553	10844
2500	4275	4523	4772	5021	5270	5614	5863	6113	6463	6718	7111	7366	7665	7920	8278	8533	8879	9463	9734	10004
2250	4075	4305	4535	4765	4995	5225	5549	5779	6101	6336	6571	6807	7220	7455	7690	7925	8347	8910	9161	9411

- Notices:**
- For the minimum door width of 1000 mm, the lowest grid price for each height or width applies.

																					8000
	27772																				7750
	27278																				7500
	26665	27454	28075																		7250
	26052	26821	27421	28022																	7000
	25439	26188	26768	27348																	6750
	24335	25668	26232	26796	28778																6500
	23722	24435	25579	26123	28109	28714															6250
	23109	23802	24326	25449	27440	28025	28611	29197													6000
	22618	23296	23804	24312	26088	26634	27179	27725	28270												5750
	21999	22657	23145	23633	25414	25939	26464	26990	27515	29033											5500
	20539	21037	21535	22033	24290	25399	25908	26418	26927	28430	29013										5250
	19926	20404	20881	21360	23622	24111	24600	25689	26178	26668	28223	28786	29349								5000
	18585	19043	20228	20687	22953	23422	23891	24361	24830	25898	27434	27977	28520	29063	29606						4750
	18099	18542	18983	20153	22426	22880	23333	23787	24240	24694	26812	27339	27867	28394	28921	29448	29975				4500
	17486	17908	18330	18752	21757	22191	22624	23058	23491	23924	24358	25931	27037	27544	28051	28558	29065	29572	30079		4250
	16873	17275	17676	18079	21089	21502	21915	22329	22742	23155	23568	25121	25608	26095	27181	27668	28155	28642	29128	29615	4000
	16260	16642	17023	17406	20420	20813	21206	21599	21993	22386	22779	23172	24779	25245	25712	26179	26646	27711	28178	28645	3750
	15772	16139	16504	16870	19751	20124	20497	20870	21243	21616	21989	22362	23949	24396	24842	25289	25736	26182	26629	27675	3500
	15159	15506	15851	16197	17460	19584	19941	20299	20656	21013	21370	21728	23207	23729	24160	24591	25022	25453	25884	26315	3250
	11847	14856	15181	15507	16775	18879	19216	19553	19890	20228	20565	20902	22361	22863	23274	23685	24096	24506	24917	25328	3000
	11361	12443	12999	14834	16106	16449	18658	18979	19301	19622	19943	20265	21708	22030	22589	22984	23379	23774	24169	24564	2750
	10748	11019	12230	12772	15580	15907	17221	17522	17823	18853	19154	19455	20879	21180	21481	22094	22469	22844	23219	23594	2500
	9888	10139	10390	11847	13382	15218	15524	16793	17074	17355	17636	17918	20049	20330	20611	21204	21559	21914	22268	22623	2250
	7250	7500	7750	8000	8250	8500	8750	9000	9250	9500	9750	10000	10250	10500	10750	11000	11250	11500	11750	12000	
Door width																					

Special equipment

Rolling shutters DD and rolling grilles DD

Article no.	Article	
Window and ventilation elements		
9800083	Window profiles Decotherm	Per running metre door width
9800084	Window profiles Decotherm, "logistics" version = 2 profiles with 2 x 2 window elements each	Per rolling shutter
9801140	Ventilation grille profiles Decotherm	Per running metre door width
9801141	Ventilation opening profile Decotherm	Per running metre door width
9800042	Window profiles HR 120	Per running metre door width
9800040	Window profiles HR 120, "logistics" version = 2 profiles with 2 x 2 window elements each	Per rolling shutter
9800058	Ventilation laths HR 120 aero, in a bright-rolled version, Grey white RAL 9002 or White aluminium RAL 9006	Per running metre door width
Fascia panel BST60 for rolling shutters		
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum height: 300 mm, maximum height: 1300 mm, maximum width: 10000 mm (notice: two-part from 5000 mm width)		
9805507	Infill: galvanized steel, without colour coating, double-skinned, PU-foamed	Up to 2 m² each
9805501		Every additional m²
9805507	Infill: bright-rolled aluminium, single-skinned	Up to 2 m² each
9805503		Every additional m²
9805507	Infill: bright-rolled aluminium, single-skinned, perforated	Up to 2 m² each
9805503		Every additional m²
Fascia panel BST60 for rolling grille		
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum height: 300 mm, maximum height: 1300 mm, maximum width: 10000 mm (notice: two-part from 5000 mm width)		
9805511	Infill: bright-rolled aluminium, honeycomb connection with crossbar	Up to 2 m² each
9805504		Every additional m²
9805512	Infill: reinforced bright-rolled aluminium, honeycomb connection in stainless steel	Up to 2 m² each
9805505		Every additional m²
9805513	Infill: galvanized steel, honeycomb connection made of galvanized steel	Up to 2 m² each
9805506		Every additional m²
Side panel BSL60 for rolling shutters		
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum width: 300 mm, maximum height: 10000 mm, maximum width: 1300 mm (notice: two-part from 5000 mm height)		
9805607	Infill: galvanized steel, without colour coating, double-skinned, PU-foamed	Up to 2 m² each
9805601		Every additional m²
9805607	Infill: bright-rolled aluminium, single-skinned	Up to 2 m² each
9805603		Every additional m²
9805607	Infill: bright-rolled aluminium, single-skinned, perforated	Up to 2 m² each
9805603		Every additional m²
Side panel BSL60 for rolling grille		
- Aluminium frame anodised with natural finish E6 / C-0 acc. to DIN 17611 - Minimum width: 300 mm, maximum height: 10000 mm, maximum width: 1300 mm (notice: two-part from 5000 mm height)		
9805611	Infill: bright-rolled aluminium, honeycomb connection with crossbar	Up to 2 m² each
9805604		Every additional m²
9805612	Infill: reinforced bright-rolled aluminium, honeycomb connection in stainless steel	Up to 2 m² each
9805605		Every additional m²
9805613	Infill: galvanized steel, honeycomb connection made of galvanized steel	Up to 2 m² each
9805606		Every additional m²
9705220	Protection to exclude the possibility of reaching through for side panel with rolling grille infill	Per m²
Support bracket BST60 / BSL60		
9805510	Support bracket BST / BSL60	10 pieces per set Per set
Curtain cover PV DD (recommended for external rolling shutters / external rolling grilles)		
9805101	Galvanized sheet steel, galvanized support brackets	Per m
9801799	Groove sealing strip for PV DD, PV SB and PV TGT, 15 mm x 8 m	Each
9805110	Surcharge for VDD-V vertical cladding for the operator	Each
9805115	Surcharge for VDD-H horizontal cladding for the operator	Each

	Decotherm S DD	Decotherm S DD S6	Rolling shutters			HG-L DD	Rolling grilles	
			HR 120 A	HR 120 aero	HR 120 DD		HG-V DD	HG-S DD
	51	51	—	—	—	—	—	—
	172	172	—	—	—	—	—	—
	63	63	—	—	—	—	—	—
	63	63	—	—	—	—	—	—
	—	—	42	42	42	—	—	—
	—	—	101	101	101	—	—	—
	—	—	42	42	42	—	—	—
	1116	1116	—	—	—	—	—	—
	558	558	—	—	—	—	—	—
	—	—	1116	—	1116	—	—	—
	—	—	558	—	558	—	—	—
	—	—	—	1116	—	—	—	—
	—	—	—	558	—	—	—	—
	—	—	—	—	—	1744	—	—
	—	—	—	—	—	872	—	—
	—	—	—	—	—	—	2108	—
	—	—	—	—	—	—	1054	—
	—	—	—	—	—	—	—	1564
	—	—	—	—	—	—	—	782
	1596	1596	—	—	—	—	—	—
	798	798	—	—	—	—	—	—
	—	—	1596	—	1596	—	—	—
	—	—	798	—	798	—	—	—
	—	—	—	1596	—	—	—	—
	—	—	—	798	—	—	—	—
	—	—	—	—	—	2070	—	—
	—	—	—	—	—	1035	—	—
	—	—	—	—	—	—	2424	—
	—	—	—	—	—	—	1212	—
	—	—	—	—	—	—	—	1976
	—	—	—	—	—	—	—	988
	—	—	—	—	—	313	313	313
	13	13	13	13	13	13	13	13
	258	258	258	258	258	258	258	258
	31	31	31	31	31	31	31	31
	355	355	355	355	355	355	355	355
	355	355	355	355	355	355	355	355

Special equipment

Rolling shutters DD and rolling grilles DD

Article no.	Article	
External rolling shutter / external rolling grille		
9800910	External rolling shutter with SKS, lockable bottom profile or EZS Notices: - Other view from outside with HR 120 and Decotherm S, for details see "Profile overview" in the technical manual! - HR 120 aero is only available in a bright-rolled version! - Decotherm S DD S6 not possible as an external rolling shutter!	Surcharge per door
9800910	External rolling grille with SKS or lockable bottom profile Support bracket fastening in stainless steel and subframe if necessary	Surcharge per door
Chamfered bottom profile (max. door width 11600 mm)		
9800626	Up to a max. height difference of 525 mm, single-skinned	Per running metre door width
9020230	Double-skinned, from 5801 mm to 10000 mm door width	Per running metre door width
9020280	Bottom profile with recess	Per running metre door width
Break-in-resistant locks		
9800100	ABP2 S inside and outside, lockable bottom profile with safety switch	Unit(s)
9800625	ABP1 S inside, lockable bottom profile with safety switch	Unit(s)
9800908	Shootbolt with safety switch DD	Unit(s)
SSG DD (movable mullion for door combinations as a single opening)		
9805301	SSG DD up to 6000 mm door height	Each
9805310	SSG DD from 6001 mm up to 9000 mm door height	Per running metre door height
9805320	SSG DD support cladding with rolling shutter laths	Per running metre door height
Special barrels		
9040020	Extended barrel	Per m
Max. wind load		
9800909	Surcharge for max. wind load DD	Per running metre door height
Boom fitting (not for DD S6!)		
9800916	Angle fixing FS 80 for 10 fixing points	Each
9800914	Bracket for frame box for SKS	Each
Photocell mounting plate		
9801430	Photocell mounting plate set	Unit(s)
Fitting by welding		
9040040	Galvanized weld-on plates for support brackets	Per weld-on plate
Special support brackets		
9801272	Wall bracket DD	Each
9805160	WK 40 angle bracket DD up to operator DD65	Each
Protection against martens		
9800795	Protection against martens with HR 120 A bright-rolled galvanized profiles	Per running metre door width
Additional posts		See page 48

	Decotherm S DD	Decotherm S DD S6	Rolling shutters			Rolling grilles		
			HR 120 A	HR 120 aero	HR 120 DD	HG-L DD	HG-V DD	HG-S DD
	209	—	209	209	209	—	—	—
	—	—	—	—	—	209	209	209
	331	—	331	331	331	331	331	331
	450	—	450	450	450	450	450	450
	629	—	629	629	629	629	629	629
	465	—	465	465	465	465	465	465
	465	—	465	465	465	465	465	465
	160	160	160	160	160	160	160	160
	7989	—	7989	7989	7989	7989	7989	7989
	1332	—	1332	1332	1332	1332	1332	1332
	175	—	175	175	175	175	175	175
	350	350	350	350	350	350	350	350
	58	—	58	58	58	—	—	—
	186	—	—	—	186	186	186	186
	34	—	—	—	34	34	34	34
	25	25	—	—	25	25	25	25
	72	72	—	—	72	72	72	72
	108	108	—	—	108	108	108	108
	556	556	—	—	556	556	556	556
	—	—	—	—	—	68	68	68

Side door NT 60 R

Matching the rolling shutters / rolling grilles

Product description

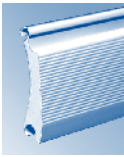
General rules

Ready-to-fit door set, with lever handle set offset / offset, black plastic, lock with profile cylinder (without cylinder for KABA version), two-part hinges, three-way adjustable.

Door leaf

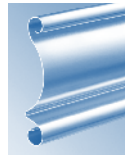
Aluminium extruded tubular profiles without thermal break E6 / C-0, depth of 60 mm, double door seal on 3 sides, EPDM moulded sealing elements in the left and right corner area, double lip seal in the threshold area.

Infills – side doors NT 60 R for rolling shutters



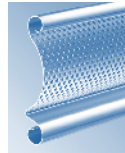
Side door for rolling shutters with door curtain Decotherm S

Galvanized steel, without colour coating
Double-skinned, PU-foamed



Side door for rolling shutters with door curtain HR 120 A

Bright-rolled aluminium
Single-skinned



Side door for rolling shutters with door curtain HR 120 aero

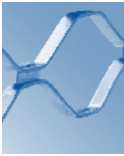
Bright-rolled aluminium
Single-skinned

Infills – side doors NT 60 R for rolling grilles



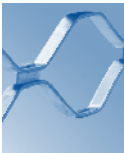
Side door for rolling grilles with curtain HG-L

Bright-rolled aluminium
Honeycomb connections with crossbar



Side door for rolling grilles with curtain HG-V

Reinforced bright-rolled aluminium
Stainless steel honeycomb connections



Side door for rolling grilles with curtain HG-S

Galvanized steel
Galvanized steel honeycomb connections

Surface protection

Standard version:

Leaf frame and door frame

Anodised with natural finish E6 / C-0 in accordance with DIN 17611.

RAL colours for infill, see "Surface coating" from page 47.

Side door NT 60 R

Matching the rolling shutters / rolling grilles

Side door NT 60 R for rolling shutters			Article no.		€
RAM (width × height): Min. 770 × 1865 mm Max. 1300 × 2525 mm	Decotherm S	Galvanized steel, without colour coating, double-skinned, PU foamed	9805201	Each	1880
	HR 120 A	Bright-rolled aluminium, single-skinned	9805202	Each	1940
	HR 120 aero	Bright-rolled aluminium, single-skinned	9805203	Each	1940

Side door NT 60 R for rolling grilles			Article no.		€
RAM (width × height): Min. 770 × 1865 mm Max. 1300 × 2525 mm	HG-L	Bright-rolled aluminium, Honeycomb connections with crossbar	9805204	Each	2233
	HG-V	Reinforced bright-rolled aluminium, Stainless steel honeycomb connections	9805205	Each	3189
	HG-S	Galvanized steel Galvanized steel honeycomb connections	9805206	Each	2800
Protection to exclude the possibility of reaching through for side doors with rolling grille infill			9705220	Per m²	313

Curtain	Special equipment for side doors NT 60 R with door inlay made of rolling shutter laths		Article no.	Surcharge	€
Decotherm S	HR 120	● Available – Not available			
●	–	Window made of transparent polycarbonate	9800083	Per m lath profile	51
–	●	Window made of transparent polycarbonate	9800042	Per m lath profile	42
–	●	Ventilation laths HR 120 aero, in a bright-rolled version, Grey white RAL 9002 or White aluminium RAL 9006	9800058	Per m lath profile	42
●	●	Window section with clear synthetic double pane (S2)	9085668	Each	174
●	–	Ventilation grille profile	9801140	Per m lath profile	63
●	–	Ventilation opening profile	9801141	Per m lath profile	63

No. of possible glazings in the width per lath profile				
Visible distance to side of the door infill Right and left each	Decotherm S		HR 120 A	
	RAM width	Glazings per lath profile	RAM width	Glazings per lath profile
At least 60 mm	770 – 960 mm	2 ×	770 – 950 mm	2 ×
	970 – 1170 mm	3 ×	960 – 1150 mm	3 ×
	1180 – 1300 mm	4 ×	1160 – 1300 mm	4 ×

Accessories

For side doors NT 60 R

Fittings		Article no.		€	
Lever handle sets offset / offset	Black plastic	PC	9092480	No surcharge	
		KABA	9092481		
	Aluminium natural finish (F1)	PC	9092482	Each	130
		KABA	9092483		
	Brushed stainless steel	PC	9092490	Each	173
		KABA	9092491		
	Polished stainless steel	PC	9092492	Each	198
		KABA	9092493		
Lever / knob handle sets offset / offset	Black plastic	PC	9092494	Each	72
		KABA	9092495		
	Aluminium natural finish (F1)	PC	9092496	Each	152
		KABA	9092497		
	Brushed stainless steel	PC	9092504	Each	202
		KABA	9092505		
	Polished stainless steel	PC	9092506	Each	229
		KABA	9092507		
Overhead door closers			Article no.		€
Overhead door closer with slide rail and hold-open device			9092542	Each	301
Electric door strike with day and night setting (wiring on-site)			Article no.		€
10 – 24 V, LH hinged / RH hinged Only opens with an impulse, i.e. as long as the button is pressed (operating current).			9092513	Each	115
10 – 24 V, LH hinged / RH hinged Remains open after an impulse until the door is actuated – subsequent re-locking (catch).			9092514	Each	153
Anti-panic locks			Article no.		€
Anti-panic lock for fixed knob on outside Function E: The door can only be opened using a key from the outside.		PC	9092521	Each	228
		KABA	9092522	Each	228
Anti-panic lock for profile cylinder with anti-panic spindle, for lever handle outside Function B: With change-over function; the lever handle is switched to “idle” or “operation” after actuation, depending on the adjustment.		PC	9091225	Each	300
Anti-panic lock for profile cylinder with anti-panic spindle, for lever handle outside Function D: After being operated from the inside, the door can always be operated from the outside without using a key.		PC	9091226	Each	300
Anti-panic lock for profile cylinder with anti-panic spindle, for lever handle outside Function B inwards: With change-over function; depending on the adjustment, after being actuated, the lever handle is switched to “idle” or “operation”.		PC	9091227	Each	384
Notice: Escape door function for inward opening doors not approved according to EN 179!					
Anti-panic lock for fixed knob on outside, self-locking with automatic bolt Function E: The door can only be opened using a key from the outside.		PC	9093758	Each	475
		KABA	9093759	Each	475
Anti-panic lock for lever handle on outside, self-locking with automatic bolt Function B: With the change-over function; the lever handle is switched to “idle” or “operation” after actuation, depending on the adjustment.		PC	9093760	Each	559
		KABA	9093761	Each	559
Multiple-point locking			Article no.		€
Multiple-point locking with latch, bolt, 2 locking hooks, 2 lock bolts and security rose escutcheon (cannot be retrofitted / not available with anti-panic lock).		PC	9093762	Each	461
		KABA	9093763	Each	
Multiple-point locking with anti-panic function E Function E: The door can only be opened using a key from the outside.		PC	9094311	Each	790
		KABA	9094312	Each	
Multiple-point locking with anti-panic function B Function B: With the change-over function; the lever handle is switched to “idle” or “operation” after actuation, depending on the adjustment.		PC	9094307	Each	895
		KABA	9094308	Each	
Multiple-point locking with anti-panic function D Function D: After being operated from the inside, the door can always be operated from the outside without using a key.		PC	9094309	Each	895
		KABA	9094310	Each	

Accessories

For side doors NT 60 R

Self-locking anti-panic locks SVP 5000, SVP 4000, SVP 2000 DCW, SVP 6000			Article no.	€
For anti-panic locks SVP 5000, 4000 and 2000, all the lever / knob handle sets listed on page 44 are suitable.				
Self-locking anti-panic lock SVP 5000 no. 5729			9097119	Each 785
Self-locking anti-panic lock SVP 4000 no. 4729 with connection cable SVP-A 1100			9097120	Each 1354
Anti-panic lock SVP 2000 DCW no. 2729, self-locking motor lock with connection cable SVP-A 1100 (Lock control must be provided on site)			9097121	Each 2751
Anti-panic lock SVP 6000, self-locking with split lever spindle and detachable outside lever handle, with connection cable SVP-A 1100	No. 6720, right outwards, left inwards	9097122	Each	2098
	No. 6729, left outwards, right inwards	9097123	Each	2098
Self-locking anti-panic locks 309X, 409X, 509X, 709X			Article no.	€
For anti-panic locks 309X, 409X and 509X, all the lever / knob handle sets listed on page 44 are suitable.				
Self-locking anti-panic lock 309X 302			9073922	Each 876
Self-locking anti-panic lock 409X 302 with connection cable Z09			9073923	Each 1408
Anti-panic lock 509X 302, self-locking motor lock with connection cable Z09 (Lock control must be provided on site)			9073924	Each 2835
Self-locking anti-panic lock 709X 302 with handle-control and connection cable Z09 (Current variant and anti-panic side adjustable)			9073925	Each 2194
Additional fixing sets for side doors			Article no.	€
Fixing set for fitting to steel			9090341	Each 28
Fixing set for fitting to brickwork			9050992	Each 28
8 support brackets, including screws, washers and plugs			9092545	Each 28
Additional accessories for side doors			Article no.	€
Latch contact for closing control (VdS class C)			9093964	Each 122
Block reed contact (magnetic contact) for Open / Close query (VdS class C)			9092546	Each 112
Push bar for escape door, interior (anti-panic lock required)			9073554	Each 966
Stainless steel push bar 38-2, brushed, 1000 mm, exterior (Additional lever handle set in brushed stainless steel required)			9091389	Per door 554
Side door without hole pattern			Article no.	€
Side door without lock and lever handle set			9060562	No surcharge
Side door without hole pattern for lever handle outside with double cylinder (The door can only be opened using a key from the outside)			9060563	Per door 129
Side door without hole pattern for lock and lever handle outside with half cylinder (The door can only be operated from the inside)			9060564	Per door 121
Frame fascia panel			Article no.	€
Natural finish aluminium frame E6 / C-0, infill made of rolling shutter laths	RAM (width x height): Max. 1300 x 5800 mm	Decotherm S	9805211	Per m² 790
		HR 120 A, HR 120 aero	9805213	Per m² 790
		HG-V	9805215	Per m² 1212
		HG-S	9805216	Per m² 979
Natural finish aluminium frame E6 / C-0, infill made of rolling grille bars	RAM (width x height): Max. 1300 x 5800 mm	HG-L	9805214	Per m² 1026

Standard colours, preferred colours and special colours for rolling shutters

Coil-coated (only door curtain without bottom profile)

Add the surcharge to the price for rolling shutters.

Surcharges for special colours and preferred colours only apply to standard doors. Please contact Hörmann KG Dissen for surcharges for high-lift doors, doors with fascia panels, side elements, etc. Delivery times for special colours on request.

Please note that colours may deviate from those on:

- Already delivered doors
- Other products

Standard colours													€
Decotherm S	RAL 9002 RAL 9006	Grey white White aluminium	(Same colour on outside and inside)							Per m² door surface		26	
HR 120 A	RAL 9002 RAL 9006	Grey white White aluminium	Basalt grey protective paint RAL 7012 inside							Per m² door surface		35	
HR 120 aero	RAL 9002 RAL 9006	Grey white White aluminium	Basalt grey protective paint RAL 7012 inside							Per m² door surface		40	
Preferred colours													€
Decotherm S	RAL 3000	Flame red	► Same colour on outside and inside							Per m² door surface		60	
	RAL 5010	Gentian blue											
	RAL 6005	Moss green											
	RAL 7016	Anthracite grey											
	RAL 8028	Terra brown											
	RAL 9007	Grey aluminium											
RAL 9016	Traffic white												
HR 120	RAL 3000	Flame red	► Exterior preferred colour, interior protective paint in Basalt grey RAL 7012							Per m² door surface		56	
	RAL 5010	Gentian blue											
	RAL 6005	Moss green											
	RAL 7016	Anthracite grey											
	RAL 8028	Terra brown											
	RAL 9007	Grey aluminium											
Special colours according to RAL or DB													
Surcharges per m² door surface (= sum of all door surfaces, side door surfaces and panels in an order that have both the same profile type and same colour)													
Decotherm S		Door surface in m²	From 7	From 11	From 15	From 19	From 23	From 32	From 40	From 53	From 65	From 82	From 103
Same special colour on outside and inside		€ per m²	634	427	333	271	243	213	194	172	152	131	124
For a total door surface of under 7 m²		Flat rate €	4418										
HR 120 A		Door surface in m²	From 12	From 19	From 26	From 33	From 41	From 55	From 70	From 91	From 113	From 142	From 178
Special colour on outside, inside protective paint in Basalt grey, RAL 7012		€ per m²	331	233	190	160	141	125	112	101	99	94	87
For a total door surface of under 12 m²		Flat rate €	4053										

Colours and anodising for rolling grilles

Powder-coated or anodised (only door curtain without bottom profile)

Extended rolling shutter curtain for rolling shutters DD

Conceals the pressure and wear points on the topmost door profiles caused by the screw-on brackets

Door price = price for a 500 mm higher door

Surcharge for special and preferred colours = surcharge for a 500 mm higher door

Notice:

Also take into account the space required for a 500 mm higher door.

Please note that colours may deviate from those on:

- Already delivered doors
- Other products

Colours for HG-S and HG-L (= total rolling grille surface of all doors in an order with the same colour)			Article no.	Surcharge per m ² rolling grille surface	€
Powder-coated RAL colour to choose	Max. rolling grille width 6500 mm	HG-L	9800850	Per m ²	191
		HG-S	9020008	Per m ²	345

Anodised for HG-L (= total rolling grille surface of all doors in an order with the same colour)			Article no.	Surcharge per m ² rolling grille surface	€
Anodised with natural finish E6/C-0	Max. rolling grille width 6500 mm	HG-L	9800851	Per m ²	294

NCS or DB colours	On request
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Standard colours, preferred colours and special colours and anodising for side doors NT 60 R

Door infill rolling shutter curtain – coil-coated

Door infill rolling grille curtain – powder-coated or anodised

Add the surcharge to the price for side doors

Please note that colours may deviate from those on already delivered rolling shutters / rolling grilles and side doors as well as other products.

Standard colours					€
RAL 9002 Grey white RAL 9006 White aluminium	Decotherm S	Same colour on outside and inside	Per m ² door area (RAM)		26
	HR 120 A	Basalt grey protective paint RAL 7012 inside	Per m ² door area (RAM)		35
	HR 120 aero	Basalt grey protective paint RAL 7012 inside	Per m ² door area (RAM)		40

Preferred colours					€
RAL 3000 Flame red RAL 5010 Gentian blue RAL 6005 Moss green RAL 7016 Anthracite grey RAL 8028 Terra brown RAL 9007 Grey aluminium RAL 9016 Traffic white *	Decotherm S	Same colour on outside and inside	Per m ² door area (RAM)		60
	HR 120	Exterior preferred colour, interior protective paint in Basalt grey RAL 7012	Per m ² door area (RAM)		56

* Only for Decotherm S

Special colours					€
RAL or DB colour to choose	Decotherm S	Same colour on outside and inside	Per m ² door area (RAM)	For prices see special colours for rolling shutters on page 46 **	
	HR 120	Special colour on outside, inside protective paint in Basalt grey, RAL 7012	Per m ² door area (RAM)		
RAL colour to choose	HG-L	Powder coating	Per m ² door area (RAM)		191
	HG-S	Powder coating	Per m ² door area (RAM)		345

** The price for coating in special colours is based on the total sum of the surface with a rolling shutter in a RAL colour.

Anodised					€
E6/C-0	HG-L	Anodised natural finish	Per m ² door area (RAM)		294

Additional Posts

Galvanized steel

For rolling shutters and rolling grilles

Additional posts, hot-galvanized		Article no.		€
20 × 60 × 2 mm	Galvanized, cut to length	9800070	Per m	32
	Galvanized, in raw length 6050 mm	9800075	Unit(s)	126
30 × 60 × 2 mm	Galvanized, cut to length	9800043	Per m	34
	Galvanized, in raw length 6050 mm	9800047	Unit(s)	121
40 × 60 × 2 mm	Galvanized, cut to length	9800071	Per m	38
	Galvanized, in raw length 6050 mm	9800076	Unit(s)	126
60 × 60 × 2 mm	Galvanized, cut to length	9800044	Per m	47
	Galvanized, in raw length 6050 mm	9800048	Unit(s)	194
80 × 60 × 2 mm	Galvanized, cut to length	9800089	Per m	53
	Galvanized, in raw length 6050 mm	9800090	Unit(s)	227
100 × 60 × 2 mm	Galvanized, cut to length	9800072	Per m	51
	Galvanized, in raw length 6050 mm	9800077	Unit(s)	210
120 × 60 × 2 mm	Galvanized, cut to length	9800045	Per m	52
	Galvanized, in raw length 9000 mm	9800050	Unit(s)	304
160 × 60 × 2 mm	Galvanized, cut to length	9800046	Per m	68
	Galvanized, in raw length 9000 mm	9800051	Unit(s)	417
180 × 60 × 3 mm	Galvanized, cut to length	9800073	Per m	104
	Galvanized, in raw length 7050 mm	9800078	Unit(s)	481
200 × 60 × 2.5 mm	Galvanized, cut to length	9800074	Per m	99
	Galvanized, in raw length 6980 mm	9800079	Unit(s)	386
Fixing material for additional posts		Article no.		€
Fixing material set for additional posts		9801746	Per set	53
Weld-on plate for additional posts		9801745	Each	73

Shaft operator WA 250 R S4

Integrated control

For rolling shutters SB and rolling grilles SB

Operator:

- Ready-to-fit shaft operator
- Power input
- 1-phase current 0.25 kW
- Protection category IP 65 (jet-water protected)
- Max. 50 door cycles per day
- Max. 5 door cycles per hour

Control:

- Integrated microprocessor control
- Connection cable with CEE plug in protection category IP 44 (splash-water protected)

Function:

- Opening and closing in press-and-hold operation
- Soft start and soft stop

► Possible door types and sizes identical to those for the WA 300 R S4

WA 250 R S4 operator			
Control	Fixing possibilities and equipment	Article no.	Surcharge in €
• Integrated control • 230 V 1-phase current	For attaching with chain wheel transmission, incl. push button DTH-R Open-Stop-Close	636753	581
Surcharge for emergency operation		Article no.	€
Secured release		Surcharge 637729	51
Lockable release ASE-300 on exterior, for outside operation, incl. Bowden cable (only in combination with secured release, article no. 637729)		Surcharge 637733	165
Control elements		Article no.	€
Push button DTH-RM, Open-Stop-Close and miniature lock, omission of DTH-R ¹⁾		Surcharge 637721	26
Push button control 300 U, in extension housing with integrated main switch for all-pole switch-off, omission of mains lead and DTH-R ^{1) 2)}		Surcharge 636294	111
Separate main switch, incl. connecting lead for control, Omission of mains lead with 230 V CEE plug ²⁾		Surcharge 637724	122
Mains lead 1.2 m with 230 V CEE plug, for separate main switch		635486	17,80
Additional accessories		Article no.	€
Magnet switch with fixing material for limit switch reporting		637743	63
Option relay HOR 1-300, relay for limit switch reporting "Open" or warning lights (IP 20)		636933	31
Accessory housing with seal and fitting accessories, IP 65 for HOR 1-300		637758	43
Universal adapter print UAP1-300, relay for limit switch reporting "Open" and "Close" and warning lights in the housing (IP 65)		637728	83
TL40ye, LED traffic light, yellow (230 V / 50 Hz), HOR 1-300 or UAP 1-300 required		637536	112
Overview of accessory combinations			Page 60 – 71

1) Articles 637730, 637721 and 636294 cannot be combined

2) Articles 637724 and 636294 cannot be combined

Shaft operator WA 300 R S4

Integrated control

For SB rolling shutters / rolling grilles and TGT rolling shutters / rolling grilles

Power limit * in "Open" and "Close" directions

Operator:

- Ready-to-fit shaft operator
- Power input
 - 1-phase current 0.25 kW
- Protection category IP 65 (jet-water protected)
- Door cycles SB
 - Max. 50 door cycles per day
 - Max. 10 door cycles per hour
- Door cycles TGT
 - Max. 300 door cycles per day
 - Max. 20 door cycles per hour

* Not for all door sizes / curtains (note the rolling shutter SB price tables)

** SKS may be required (note the rolling shutter SB price tables)

Control:

- Integrated microprocessor control
- Adjustable power limit
- Connection cable with CEE plug in protection category IP 44 (splash-water protected)

Function:

- Opening with impulse
- Closing with impulse **
- Automatic timer ** (only in conjunction with activating kit for warning lights and photocell)
- Soft start and soft stop

WA 300 R S4 operator				
Control	Fixing possibilities and equipment		Article no.	Surcharge in €
• Integrated control • 230 V 1-phase current	For attaching with chain wheel transmission, incl. push button DTH-R Open-Stop-Close	For rolling shutters / rolling grilles SB	636775	748
		For rolling shutters / rolling grilles TGT	–	–
	For flanging with chain transmission • Without push button DTH-R (Open-Stop-Close)	For rolling shutters / rolling grilles SB	639773	701
		For rolling shutters / rolling grilles TGT	–	–
	Notice: Article must be selected if the WA 300 R S4 should be combined with a loading technology control 420 Si/Ti. The combination control 420 Si or 420 Ti must be ordered separately via the loading technology industrial price list.			
Surcharge for emergency operation			Article no.	€
Secured release		Surcharge	637729	51
Lockable release ASE-300 on exterior, for outside operation, incl. Bowden cable (only in combination with secured release, article no. 637729)		Surcharge	637733	165
Control elements			Article no.	€
Push button DTH-RM, Open-Stop-Close and miniature lock, omission of DTH-R		¹⁾ Surcharge	637721	26
Push button DTH-I, Impulse-Stop-½ / Open incl. UAP1-300, omission of DTH-R		¹⁾ Surcharge	637722	90
Push button DTH-IM, Impulse-Stop-½ / Open and miniature lock, incl. UAP1-300, omission of DTH-R		¹⁾ Surcharge	637723	114
Push button control 300 U, in extension housing for flange-mounting of 460 S/T loading technology control, omission of mains lead and DTH-R (required for integrated lock HOR 1-300 for control 300 U art. no. 635377)		^{1) 2)} Surcharge	636293	51
Push button control 300 U, in extension housing with integrated main switch for all-pole switch-off, omission of mains lead and DTH-R		^{1) 2)} Surcharge	636294	111
Separate main switch, incl. connecting lead for control, Omission of mains lead with 230 V CEE plug		²⁾ Surcharge	637724	122
Mains lead 1.2 m with 230 V CEE plug, for separate main switch			635486	17,80
Closing edge safety devices			Article no.	€
Closing edge safety device (SKS for impulse operation) with optosensors, complete		Surcharge	637735	204
Photocells			Article no.	€
Weather protective covers for photocells see page 68				
One-way photocell EL 301 with floor fitting (to be used both inside and outside)			436313	118
Reflection photocell * RL 300, industrial floor fitting (for use in dry interiors)			635022	195
* Notice: Reflective objects, e.g. reflective strips on clothing or vehicles, might not be recognised by the reflection photocell.				

Air inlet control	Article no.	€
Air inlet control AC72 In industrial full housing with miniature lock, incl. 300 U, omission of DTH-R	Surcharge	4550801
Notice: Cannot be combined with control 360.		1140
Air inlet control AC72 with PHC In full industrial housing with profile half cylinder, incl. 300 U, DTH-R omitted	Surcharge	4551228
Notice: Cannot be combined with control 360.		1209
Cable monitoring UEB3 2K7 AE	635447	83
Combination warning light KSL, visual / acoustic	639350	76
Yellow LED traffic lights	436515	32
Yellow LED traffic lights, incl. piezo	436518	37
Power supply unit 24 V / 24 W to increase the charging current according to the requirements of DIN EN 12101-10 (can be integrated in 300 U)	4548491	60
Power supply unit connection accessories	636356	21
Additional accessories	Article no.	€
Lintel trap guard EZS-300 for WA 300 R S4	637784	478
Magnet switch with fixing material, for electric locking with air lock doors or loading ramps	637743	63
Option relay HOR 1-300, relay for limit switch reporting "Open" or warning lights (IP 20)	636933	31
Option relay HOR 1-300 for control 300 U, relay for locking for loading technology	Surcharge	635377
Accessory housing with seal and fitting accessories, IP 65 for HOR 1-300	637758	43
Universal adapter print UAP1-300, relay for limit switch reporting "Open" and "Close" and warning lights in the housing (IP 65)	637728	83
Emergency battery HNA-300, main switch required	637717	189
TL40ye, LED traffic light, yellow (230 V / 50 Hz), HOR 1-300 or UAP 1-300 required	637536	112
Overview of accessory combinations		Page 60 – 71

- 1) Articles 637730, 636874, 637721, 637722, 637723, 636293 and 636294 cannot be combined
- 2) Articles 637724, 636293 and 636294 cannot be combined

Shaft operator WA 300 R S4

External control 360 in industrial extension housing

For SB rolling shutters / rolling grilles and TGT rolling shutters / rolling grilles

Power limit * in "Open" and "Close" directions

Operator:

- Ready-to-fit shaft operator
- Power input
 - 1-phase current 0.25 kW
- Protection category IP 65 (jet-water protected)
- Door cycles SB
 - Max. 50 door cycles per day
 - Max. 10 door cycles per hour
- Door cycles TGT
 - Max. 300 door cycles per day
 - Max. 20 door cycles per hour

* Not for all door sizes / curtains (note the rolling shutter SB price tables)

** SKS may be required (note the rolling shutter SB price tables)

Control:

- External microprocessor control in a separate housing with integrated membrane push button, Open-½ / Open-Stop-Close and miniature lock, protection category IP 65 (jet-water protected)
- Adjustable power limit
- Connection cable with CEE plug in protection category IP 44 (splash-water protected)
- Control fitting directly next to the rolling shutter

Function:

- Opening with impulse
- Closing with impulse **
- Any second opening height ½ / Open
- Adjustable automatic timer ** (only in conjunction with activating kit for warning lights and photocell)
- Prepared for traffic control (only in conjunction with activating kit for warning lights and photocell)
- Soft start and soft stop

WA 300 R S4 operator				
Control	Fixing possibilities and equipment		Article no.	Surcharge in €
• External control 360 • 230 V 1-phase current	For attaching with chain wheel transmission	For rolling shutters / rolling grilles SB	636777	1033
		For rolling shutters / rolling grilles TGT	636288	288
Surcharge for emergency operation			Article no.	€
Secured release		Surcharge	637729	51
Lockable release ASE-300 on exterior, for outside operation, incl. Bowden cable (only in combination with secured release, article no. 637729)		Surcharge	637733	165
Control elements			Article no.	€
All-pole switch-off main switch in control housing (Omission of mains lead with CEE plug)		Surcharge	637105	70
Lockable control with profile half cylinder		Surcharge	637100	70
Mains lead 1.2 m with 230 V CEE plug, for controls with main switch			635486	17,80
Closing edge safety devices			Article no.	€
Closing edge safety device (SKS for impulse operation) with optosensors, complete		Surcharge	637735	204
Photocells			Article no.	€
Weather protective covers for photocells see page 68				
One-way photocell EL 301 with floor fitting (to be used both inside and outside)			436313	118
One-way photocell EL 51 (to be used both inside and outside)			637023	167
One-way photocell EL 61 for extremely wet areas, IP 67 (powerful jet-water protected)			637222	568
Reflection photocell * RL 300, industrial floor fitting (for use in dry interiors)			635022	195
Reflection photocell * RL 52 as a command unit (application area: for use in dry interiors)			637084	202
* Notice:				
Reflective objects, e.g. reflective strips on clothing or vehicles, might not be recognised by the reflection photocell.				
Activating kits for warning lights (photocell required)			Article no.	€
Activating kit for warning lights ZS 360 / 400 with 2 yellow LED traffic lights, without extension housing			637530	328
Activating kit for warning lights ZS 360 with 2 yellow LED traffic lights and weekly timer ZSU 2, without extension housing			637780	504
Activating kit for warning lights MP 360 with 2 LED traffic lights, without extension housing	2-arm red / green (230 V / 50 Hz)		637731	475
	1-arm red / green (24 V DC)		638955	475
Activating kit for warning lights MP 360 with 2 LED traffic lights and weekly timer ZSU 2, without extension housing	2-arm red / green (230 V / 50 Hz)		637779	771
	1-arm red / green (24 V DC)		638956	771

Additional accessories	Article no.	€
Power supply unit, input voltage 230 V AC, output voltage 24 V DC / 24 W	4548491	60
Power supply unit connection accessories (article no. 4548491)	636356	21
Lintel trap guard EZS-300 for WA 300 R S4	637784	478
Magnet switch with fixing material, for electric locking with air lock doors or loading ramps	637743	63
Multi-function circuit board with 2 relays (programmable)	637026	107
Circuit board for limit switch reporting with 2 relays (only in combination with multi-function circuit board, traffic control or central control)	637028	58
Circuit board for central control / smoke detector device	637243	112
Extension housing for industrial door controls (semi-housing)	637014	68
Summer / winter activating kit with function report, in extension housing	637036	404
Control double housing for extremely wet areas, IP 66 (powerful jet-water protected)	637035	450
UPS system for control 360	639786	2297

Overview of accessory combinations

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Shaft operator WA 300 AR S4

External control 300 in industrial extension housing

For SB rolling shutters / rolling grilles and TGT rolling shutters / rolling grilles

Power limit * in "Open" and "Close" directions

Operator:

- Ready-to-fit shaft operator
- Power input
 - 1-phase current 0.25 kW
- Protection category IP 20 (protection category IP 44 with curtain cover on the door)
- Door cycles for rolling shutters / rolling grilles SB:
 - Max. 50 door cycles per day
 - Max. 10 door cycles per hour
- Door cycles for rolling shutters / rolling grilles TGT:
 - Max. 300 door cycles per day
 - Max. 20 door cycles per hour

* Not for all door sizes / curtains (note the rolling shutter SB price tables)

** SKS may be required (note the rolling shutter SB price tables)

Control:

- External microprocessor control in a separate housing with integrated Open-Stop-Close membrane push button and miniature lock, protection category IP 65 (jet-water protected)
- Adjustable power limit
- Connection cable with CEE plug in protection category IP 44 (splash-water protected)
- Control fitting directly next to the rolling shutter

Function:

- Opening with impulse
- Closing with impulse **
- Adjustable automatic timer ** (only in conjunction with activating kit for warning lights and photocell)
- Soft start and soft stop

Operator WA 300 AR S4				
Control	Fixing possibilities and equipment		Article no.	Surcharge in €
- External control 300 230 V 1-phase current	For attaching with chain wheel transmission incl. secured release	For rolling shutters / rolling grilles SB	636741	1087
		For rolling shutters / rolling grilles TGT	636286	338
Surcharge for emergency operation			Article no.	€
Lockable release ASE-300 on exterior, for outside operation, incl. Bowden cable		Surcharge	637733	165
Control elements			Article no.	€
All-pole switch-off main switch in control housing (Omission of mains lead with CEE plug)		Surcharge	637105	70
Mains lead 1.2 m with 230 V CEE plug, for controls with main switch			635486	17,80
Closing edge safety devices			Article no.	€
Closing edge safety device (SKS for impulse operation) with optosensors, complete		Surcharge	637735	204
Photocells			Article no.	€
Weather protective covers for photocells see page 68				
Reflection photocell * RL 300, industrial floor fitting (for use in dry interiors)			635022	195
* Notice: Reflective objects, e.g. reflective strips on clothing or vehicles, might not be recognised by the reflection photocell.				
Air inlet control			Article no.	€
Air inlet control AC72 in full industrial housing with miniature lock		Surcharge	4550801	1140
Notice: Cannot be combined with control 360.				
Air inlet control AC72 with PHC in full industrial housing with profile half cylinder		Surcharge	4551228	1209
Notice: Cannot be combined with control 360.				
Cable monitoring UEB3 2K7 AE			635447	83
Combination warning light KSL, visual / acoustic			639350	76
Yellow LED traffic lights			436515	32
Yellow LED traffic lights, incl. piezo			436518	37
Power supply unit 24 V / 24 W to increase the charging current according to the requirements of DIN EN 12101-10 (extension housing required, article no. 637014)			4548491	60
Power supply unit connection accessories			636356	21
Additional accessories			Article no.	€
Lintel trap guard EZS-300 for WA 300 R S4			637784	478
Magnet switch with fixing material, for electric locking with air lock doors or loading ramps			637743	63
Option relay HOR 1-300, relay for limit switch reporting “Open” or warning lights (IP 20)			636933	31
Accessory housing with seal and fitting accessories, IP 65 for HOR 1-300			637758	43
Universal adapter print UAP1-300, relay for limit switch reporting “Open” and “Close” and warning lights in the housing (IP 65)			637728	83
Control double housing for extremely wet areas, IP 66 (powerful jet-water protected)			637035	450
Overview of accessory combinations				

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Shaft operator WA 300 AR S4

External control 360 in industrial extension housing

For SB rolling shutters / rolling grilles and TGT rolling shutters / rolling grilles

Power limit * in "Open" and "Close" directions

Operator:

- Ready-to-fit shaft operator
- Power input
 - 1-phase current 0.25 kW
- Protection category IP 20 (protection category IP 44 with curtain cover on the door)
- Door cycles for rolling shutters / rolling grilles SB:
 - Max. 50 door cycles per day
 - Max. 10 door cycles per hour
- Door cycles for rolling shutters / rolling grilles TGT:
 - Max. 300 door cycles per day
 - Max. 20 door cycles per hour

* Not for all door sizes / curtains (note the rolling shutter SB price tables)

** SKS may be required (note the rolling shutter SB price tables)

Control:

- External microprocessor control in a separate housing with integrated membrane push button, Open-½ / Open-Stop-Close and miniature lock, protection category IP 65 (jet-water protected)
- Adjustable power limit
- Connection cable with CEE plug in protection category IP 44 (splash-water protected)
- Control fitting directly next to the rolling shutter

Function:

- Opening with impulse
- Closing with impulse **
- Any second opening height ½ / Open
- Adjustable automatic timer ** (only in conjunction with activating kit for warning lights and photocell)
- Prepared for traffic control (only in conjunction with activating kit for warning lights and photocell)
- Soft start and soft stop

Operator WA 300 AR S4						
Control		Fixing possibilities and equipment		Article no.	Surcharge in €	
• External control 360 • 230 V 1-phase current		For attaching with chain wheel	For rolling shutters / rolling grilles SB	636739	1371	
		transmission incl. secured release	For rolling shutters / rolling grilles TGT	636357	627	
Surcharge for emergency operation				Article no.	€	
Lockable release ASE-300 on exterior, for outside operation, incl. Bowden cable				Surcharge	637733	165
Control elements				Article no.	€	
All-pole switch-off main switch in control housing (Omission of mains lead with CEE plug)				Surcharge	637105	70
Lockable control with profile half cylinder				Surcharge	637100	70
Mains lead 1.2 m with 230 V CEE plug, for controls with main switch					635486	17,80
Closing edge safety devices				Article no.	€	
Closing edge safety device (SKS for impulse operation) with optosensors, complete				Surcharge	637735	204
Photocells				Article no.	€	
Weather protective covers for photocells see page 68						
Reflection photocell * RL 300, industrial floor fitting (for use in dry interiors)					635022	195
Reflection photocell * RL 52 as a command unit (application area: for use in dry interiors)					637084	202
* Notice:						
Reflective objects, e.g. reflective strips on clothing or vehicles, might not be recognised by the reflection photocell.						
Activating kits for warning lights (photocell required)				Article no.	€	
Activating kit for warning lights ZS 360 / 400 with 2 yellow LED traffic lights, without extension housing					637530	328
Activating kit for warning lights ZS 360 with 2 yellow LED traffic lights and weekly timer ZSU 2, without extension housing					637780	504
Activating kit for warning lights MP 360 with 2 LED traffic lights, without extension housing		2-arm red / green (230 V / 50 Hz)			637731	475
		1-arm red / green (24 V DC)			638955	475
Activating kit for warning lights MP 360 with 2 LED traffic lights and weekly timer ZSU 2, without extension housing		2-arm red / green (230 V / 50 Hz)			637779	771
		1-arm red / green (24 V DC)			638956	771
Additional accessories				Article no.	€	
Power supply unit, input voltage 230 V AC, output voltage 24 V DC / 24 W					4548491	60
Power supply unit connection accessories (article no. 4548491)					636356	21
Lintel trap guard EZS-300 for WA 300 R S4					637784	478
Magnet switch with fixing material, for electric locking with air lock doors or loading ramps					637743	63
Multi-function circuit board with 2 relays (programmable)					637026	107
Circuit board for limit switch reporting with 2 relays (only in conjunction with multi-function circuit board article no. 637026)					637028	58
Circuit board for central control / smoke detector device					637243	112
Extension housing for industrial door controls (semi-housing)					637014	68
Summer / winter activating kit with function report, in extension housing					637036	404
Control double housing for extremely wet areas, IP 66 (powerful jet-water protected)					637035	450
UPS system for control 360					639786	2297
Overview of accessory combinations						

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Control 445 R and optional extras

Operator:

- Fully fitted operator
- Power input depending on the door
- Protection category IP 65 (jet-water protected)
- Electronic absolute encoder (AWG) for determining the door position

Control:

- Microprocessor control in separate housing, Open-Stop-Close membrane push button integrated in housing, miniature lock, protection category IP 65 (jet-water protected)
- Connection cable with CEE plug in protection category IP 44 (splash-water protected)
- Control fitting directly next to the rolling shutter, plug-in door leaf sensors

Function:

- Opening with impulse (please observe the notice below)
- Closing with press-and-hold actuation (without SKS)
- Closing with impulse (with optional SKS)
- Setting of door end-of-travel positions via the control

Notices:

- Rolling shutters < 2500 mm door height require a lintel trap guard and a trap guard in press-and-release operation.
- Rolling grilles with press-and-release operation always require a lintel trap guard.

We recommend using a 400 V 3-phase unit due to its longer on-time and smoother running.

Control	Version	Article no.	Surcharge in €
Control 445 R for: • 400 V 3-phase current • 230 V 3-phase current • 230 V 1-phase current	In housing	636839	Standard
	In housing with main switch	636840	67
	In housing with profile half cylinder	636841	67
	In housing with main switch and profile half cylinder	636842	136
Closing edge safety device / radio activating kit		Article no.	€
Closing edge safety device with optosensors complete		636865	411
Gelbau strip DD (recommended from a door width of 8000 mm)		Per running metre door width 9801794	112
Gelbau strip DD for bottom profile with recess		Per section 9801798	180
Radio activating kit extension set (omission of coiled cable) Notice: Can only be selected in combination with closing edge safety device (article no. 636865).		Surcharge 637849	480
Photocells		Article no.	€
Weather protective covers for photocells see page 68			
One-way photocell EL 51 (recommended for use in interiors and exteriors), for door widths up to 8000 mm		637023	167
One-way photocell EL 61, protection category IP 67 (protection against temporary submersion), for door widths up to 12000 mm		637222	568
Reflector for reflection photocell RL 50, for door widths from 8000 mm to 12000 mm		638163	13
Reflection photocell * RL 50 (for use in dry interiors), for door widths up to 8000 mm		637086	195
Reflection photocell * RL 52 as a command unit (for use in dry interiors), for door widths up to 8000 mm		637084	202
* Notice: Reflective objects, e.g. reflective strips on clothing or vehicles, might not be recognised by the reflection photocell.			
Additional accessories		Article no.	€
Control double housing for extremely wet areas, IP 66 (splash-water protected)		637035	450
Lintel trap guard including the required fixing material (only with door order) for doors with up to 5000 mm door width		637692	478
Lintel trap guard including the required fixing material (only with door order) for doors with up to 12000 mm door width		637693	526
Multi-function circuit board with 2 relays (programmable)		637026	107
Extension housing for industrial door controls		637014	68
Circuit board for limit switch reporting with 2 relays (only in conjunction with a multi-function circuit board art. no. 637026) (extension housing required, article no. 637014)		637028	58
Adapter print for safety equipment with fitting accessories for integrating photocells of other makes		637104	125
Activating kit for warning lights ZS 360 / 400 with 2 yellow LED traffic lights and multi-function circuit board, without extension housing		637530	328
Overview of accessory combinations			

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Notice:
Not for rolling shutter / grille SB and rolling shutter / grille TGT!

Control 460 R and optional extras

Operator:

- Fully fitted operator
- Power input depending on the door
- Protection category IP 65 (jet-water protected)
- Electronic absolute encoder (AWG) for determining the door position

Control:

- Microprocessor control in separate housing, ½ / Open-Open-Stop-Close membrane push button integrated in housing, miniature lock, protection category IP 65 (jet-water protected)
- Self-monitoring closing edge safety device (SKS) with optosensors
- Connection cable with CEE plug in protection category IP 44 (splash-water protected)
- Control fitting directly next to the rolling shutter, plug-in door leaf sensors.

Function:

- Opening with impulse (please observe the notice below)
 - Closing with impulse
 - Any second opening height ½ / Open
 - Setting of door end-of-travel positions via the control
 - Automatic timer *
 - Prepared for traffic control *
- * Only in conjunction with an activating kit for warning lights and a photocell.

Notices:

- Rolling shutters < 2500 mm door height require a lintel trap guard and a trap guard in press-and-release operation.
- Rolling grilles with press-and-release operation always require a lintel trap guard.

We recommend using a 400 V 3-phase unit due to its longer on-time and smoother running.

Control	Version	Article no.	Surcharge in €
Control 460 R for: • 400 V 3-phase current • 230 V 3-phase current • 230 V 1-phase current	In housing	636834	549
	In housing with main switch	636835	618
	In housing with profile half cylinder	636836	618
	In housing with main switch and profile half cylinder	636837	683
Closing edge safety device / radio activating kit		Article no.	€
Gelbau strip DD (recommended from a door width of 8000 mm) Per running metre door width		9801794	112
Gelbau strip DD for bottom profile with recess Per section		9801798	180
Radio activating kit extension set (omission of coiled cable) Surcharge		637849	480
Photocells		Article no.	€
Weather protective covers for photocells see page 68			
One-way photocell EL 51 (recommended for use in interiors and exteriors), for door widths up to 8000 mm		637023	167
One-way photocell EL 61, protection category IP 67 (protection against temporary submersion), for door widths up to 12000 mm		637222	568
Reflector for reflection photocell RL 50, for door widths from 8000 mm to 12000 mm		638163	13
Reflection photocell * RL 50 (for use in dry interiors), for door widths up to 8000 mm		637086	195
Reflection photocell * RL 52 as a command unit (for use in dry interiors), for door widths up to 8000 mm		637084	202
* Notice: Reflective objects, e.g. reflective strips on clothing or vehicles, might not be recognised by the reflection photocell.			
Activating kits for warning lights (photocell required)		Article no.	€
Activating kit for warning lights ZS 360 / 400 with 2 yellow LED traffic lights and multi-function circuit board, without extension housing		637530	328
Activating kit for warning lights ZS 400 with 2 yellow LED traffic lights and weekly timer, with extension housing		637531	536
Activating kit for warning lights MP 400 traffic control with 2 LED traffic lights, with extension housing	2-arm red / green (230 V / 50 Hz)	637532	621
	1-arm red / green (24 V DC)	638957	621
Activating kit for warning lights MP 400 traffic control with 2 LED traffic lights and weekly timer ZSU 2, with extension housing	2-arm red / green (230 V / 50 Hz)	637533	803
	1-arm red / green (24 V DC)	638958	803
Additional accessories		Article no.	€
Control double housing for extremely wet areas, IP 66 (splash-water protected)		637035	450
Lintel trap guard including the required fixing material (only with door order) for doors with up to 5000 mm door width		637692	478
Lintel trap guard including the required fixing material (only with door order) for doors with up to 12000 mm door width		637693	526
Extension housing for industrial door controls		637014	68
Multi-function circuit board with 2 relays (programmable)		637026	107
Circuit board for limit switch reporting with 2 relays (only in conjunction with a multi-function circuit board art. no. 637026, central control circuit board art. no. 637243 or traffic control MP 400), (extension housing required, article no. 637014)		637028	58
Adapter print for safety equipment with fitting accessories for integrating photocells of other makes		637104	125
Central control circuit board for central open / central close / automatic timer off / smoke detector device (RWA)		637243	112
Summer / winter operation activating kit with function report		637036	404
Overview of accessory combinations			

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Overview of accessory combinations

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Notice:

Not for rolling shutter / grille SB and rolling shutter / grille TGT!

Notes and sketches

Control B 971 R S6 (frequency converter) with soft start, soft stop, fast and safe and with optional extras

For rolling shutters Decotherm S DD with accessory package S6

Including:

- FU operator
- Frequency converter control
- Light grille
- L-pads

Operator:

- Fully fitted operator
- Power input depending on the door
- Protection category IP 65 (jet-water protected)
- Digital limit switch (DES) for determining the door position
- Max. 30 door cycles per hour
- Max. 300 door cycles per day

Control:

- Microprocessor control in separate housing, Open-Stop-Close button integrated in housing, protection category IP 54 (jet-water protected)
- Connection cable with CEE plug in protection category IP 44 (splash-water protected)
- Control fitting directly next to the rolling shutter, plug-in door leaf sensors

Function:

- Opening with impulse (please observe the notice below)
- Closing with press-and-hold actuation, Closing with impulse
- Setting of door end-of-travel positions via the control

Control	Version	Article no.	Surcharge in €
Control B 971 R S6 for: • 230 V 1-phase current	In housing	9800920	6743
	In housing with main switch	Surcharge 58121	198
Accessories for control B 971 R S6		Article no.	€
Motor connection line (extension)		Surcharge 9800921	29
Key switch		58116	91
Emergency-off switch		58117	91
Toggle switch for partial opening		58120	91

Control accessories

Integrated control, 300, 360, 445 R and 460 R

Preferred combinations are specified in the table; further combinations are possible under certain prerequisites.
If applicable, ask your specialist adviser.

Short designation	Description	Article no.	€/ each	
Receiver 868 MHz				
HE 3-MCX BS 	2-channel receiver with external antenna, 2 functions for controls 435R, 445R, 460R, frequency 868 MHz, operating voltage 24 V DC, in a separate housing with 7 m connecting lead, 4-wire, plug-in type	436722	146	
HE 3 BS 	2-channel receiver, frequency 868 MHz, operating voltage 24 V DC, in a separate housing with 0.5 m connecting lead, 4-wire, plug-in type	436721	97	
HEI 3 BS 	2-channel receiver to control 2 functions, 868 MHz frequency, IP 65, operating voltage: 24 V DC, with 7 m connecting lead, 4-wire	436720	110	
ESE-MCX BS 	5-channel bi-directional receiver (e.g. choice of direction and status feedback) with external antenna, 5 functions, 868 MHz, operating voltage 24 V DC, in separate housing (only for dry rooms) with 7 m connecting lead, 4-wire, plug-in type	436738	146	
ESE BS 	5-channel, bi-directional receiver (e.g. choice of direction and status feedback), 5 functions, 868 MHz, operating voltage 24 V DC, in separate housing (only for dry rooms) with 0.5 m connecting lead, 4-wire, plug-in type	436723	110	
ESEI BS 	5-channel, bi-directional receiver (e.g. choice of direction and status feedback), 5 functions, 868 MHz, operating voltage 24 V DC, in separate housing (IP 65) with 7 m connecting lead, 4-wire, plug-in type	436740	124	
HER 1 BS 	1-channel relay receiver with status feedback (of the relay) via HS 5 HS or optionally app (gateway required), with volt-free relay output, frequency 868 MHz, IP 65, operating voltage: 24 V DC / 230–240 V AC, without connecting lead	436724	141	
HER 2 BS 	2-channel relay receiver with status feedback (of the relays) via HS 5 BS or optionally app (gateway required), with 2 volt-free relay outputs, frequency 868 MHz, IP 65, operating voltage: 24 V DC / 230–240 V AC, without connecting lead, external tamper-proof antenna with 2 m connecting lead	436725	204	
HER 4 BS 	4-channel relay receiver with status feedback (of the relays) via HS 5 HS or optionally app (gateway required), with 4 volt-free relay outputs, frequency 868 MHz, IP 65, operating voltage 24 V DC / 230–240 V AC, without connecting lead	436726	226	
HEU 2 BS 	Recessed 2-channel receiver, frequency 868 MHz, targeted On / Off function, IP 20, operating voltage 100–240 V AC	437378	100	
HET-E2 24 BS 	2-channel relay receiver with status feedback, for choosing direction (Open and Close) and limit switch reporting (can be connected to volt-free inputs on the HET) via HS 5 BS or optionally app (gateway required), frequency 868 MHz, protection category: IP 65, operating voltage: 24 V DC	436743	110	
Collective garage receiver 868 MHz				
SGE 1	Collective garage receiver for Hörmann door operators and operators of other makes or for easy and clear management of up to 1000 hand transmitter codings (e.g. in underground garages), with 2 volt-free relay outputs, incl. SD card, in separate housing, protection category IP 65, operating voltage 24 V DC, protected against incorrect polarity	637625	313	
SGP 1	Hand transmitter programming device for SGE 1, for hand transmitter coding including PC software, hand transmitters can be programmed and read out.	637640	273	
SGE 1 and SGP 1 set	Consisting of a collective garage receiver SGE 1 and hand transmitter programming device SGP 1	637641	543	
	Pre-programming of hand transmitters for SGE 1 / SGE 1 BS, incl. SD card; hand transmitters can be pre-programmed as desired. Notice: Prices do not include the hand transmitters!			
	Pre-programming of hand transmitters	Surcharge each	437987	2,60

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- 4 = Only with press-and-release operation for "Open door" and "Close door"
- 5 = UAP-300, HOR-300 required
- 6 = Multi-function circuit board, travel limit circuit board, traffic control circuit board required

		Controls		Controls		Control	General use ◐
	WA 250 R S4, integrated control	WA 300 R S4, WA 300 AR S4, integrated control, external control 300	WA 300 R S4 / WA 300 AR S4 External control 360	445 R	460 R	B 971 R S6	
		• 2/4	•	• 2	• 2/3		
		• 2/4	•	• 2	• 2/3		
		• 2/4	•	• 2	• 2/3		
		• 4					
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		• 4					
		• 4	•	•	•	•	•
		• 2/4	2/3	• 2	• 2/3	•	2/3
		• 2/4	•	• 2	• 2/3	•	•
		• 2/4	•	• 2	• 2/3		
		• 2/4/5/6	• 2/4/6	• 2/4/6	• 2/4/6		
		• 4	•	•	•		•
		• 4	•	•	•		•

Control accessories

Integrated control, 300, 360, 445 R and 460 R

Preferred combinations are specified in the table; further combinations are possible under certain prerequisites.
If applicable, ask your specialist adviser.

Short designation	Description	Article no.	€/ each	
868 MHz hand transmitters – only in conjunction with a receiver				
BiSecur hand transmitters are downward compatible with 868 MHz fixed code receivers				
HS 1 BS	 1-button hand transmitter, impulse, incl. battery, with chrome-plated zinc die-cast caps	Black (textured surface) 4511720	73	
HS 4 BS	 4-button hand transmitter, impulse, incl. battery, with chrome-plated zinc die-cast caps	Black (textured surface) 4511724	73	
HS 5 BS	 5-button hand transmitter, impulse, incl. battery, with chrome-plated zinc die-cast caps	Black (high-gloss) 436752	86	
		White (high-gloss) 436753	86	
		Black (textured surface) 436946	86	
HSE 1 BS	 1-button micro hand transmitter, impulse, incl. key ring and battery, with chrome-plated zinc die-cast caps	Black (textured surface) 4511728	73	
HSE 4 BS	 4-button micro hand transmitter, impulse, incl. key ring and battery, with chrome-plated zinc die-cast caps	Black (textured surface) 4511732	73	
HSE 4 BS	 4-button micro hand transmitter, impulse, incl. key ring and battery, with plastic caps in the same colour as the hand transmitter	Black (textured surface) 4511736	66	
HSS 4 BS	 4-button security hand transmitter, impulse, incl. battery, additional function: copy protection for hand transmitter coding (cannot be taught in)	Red (high gloss) 436756	117	
	Hand transmitter station for BiSecur hand transmitters HS 1 BS, HS 4 BS and HS 5 BS	Black (high-gloss) 436691	9,50	
	Hand transmitter holder incl. visor clip for BiSecur hand transmitters HS 1 BS, HS 4 BS and HS 5 BS	436698	8,50	
	Hand transmitter holder incl. visor clip for BiSecur hand transmitters HSE 1 BS and HSE 2 BS	437006	8,50	
	Hand transmitter sleeve, black, for BiSecur hand transmitter HSE	4510869	7,40	
FSM 2 BS	 2-channel radio transmitter module in housing	436786	114	
868 MHz industrial hand transmitters – only in conjunction with a receiver				
HSI BS	 Industrial hand transmitter for controlling up to 1000 receivers	436789	204	
	Wall holder for industrial hand transmitter HSI/HSI 1 BS, including fixing material	637635	15,50	
	Protective bag for industrial hand transmitter HSI, including retaining clip	637636	39	
	Copy cable with software, for coding industrial hand transmitters HSI/HSI BS or saving data on a PC	637637	26	
	USB adapter on com port	637634	35	
	Connection cable for industrial hand transmitter HSI, for external power supply, for connecting to a forklift or another external power supply	637638	8,50	
HSI 6 BS	 Industrial hand transmitter for controlling up to 6 receivers	4511801	114	
	Hand transmitter holder for HSI 6 BS, incl. fitting accessories for fitting to wall or box frame	437383	8,50	
HSI 15 BS	 Industrial hand transmitter for controlling up to 15 receivers	4511802	164	
	Hand transmitter holder for HSI 15 BS, incl. fitting accessories for fitting to wall or box frame	437384	11,90	
Key switches, each with 3 keys				
ESU 30	Key switch (recessed, impulse Open/Close, without connecting lead)	436110	49	
ESA 30	Key switch (surface-mounted, impulse Open/Close, without connecting lead)	436111	52	
STUP 50	Key switch (recessed, impulse Open/Close, with 2 m connecting lead, 2-wire)	4511648	58	
STAP 50	Key switch (surface-mounted, impulse Open/Close, with 2 m connecting lead, 2-wire)	4511650	61	
Cylinders with keys to pass for Hörmann key switches				
	Profile half cylinder 30.5 + 10 mm, lock plate lug 0°, fixed, 2 units with keys to pass	436120	40	
	Profile half cylinder 30.5 + 10 mm, lock plate lug 0°, fixed, 3 units with keys to pass	436121	52	
	Profile half cylinders with keys to pass in quantities larger than 3	On request		

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- 4 = Only with press-and-release operation for "Open door" and "Close door"
- 5 = UAP-300, HOR-300 required
- 6 = Multi-function circuit board, travel limit circuit board, traffic control circuit board required

	Controls			Controls		Control	General use ☞
	WA 250 R S4, integrated control	WA 300 R S4, WA 300 AR S4, integrated control, external control 300	WA 300 R S4 / WA 300 AR S4 External control 360	445 R	460 R	B 971 R S6	
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Control accessories

Integrated control, 300, 360, 445 R and 460 R

Preferred combinations are specified in the table; further combinations are possible under certain prerequisites.
If applicable, ask your specialist adviser.

Short designation	Description	Article no.	€/ each	
Bluetooth® receiver				
HET/S 24 BLE	Receiver for the control of external consumers via Bluetooth®, to control (impulse) Hörmann operators / operators of other makes, with 2 volt-free relays, with 7 m connecting lead, 4-wire, protection category: IP 44, temperature range: -20°C to +40°C, operating voltage: 12–24 V DC, 12 V AC, switching capacity: 30 V DC / 2.5 A (resistive load) Function: On / Off, impulse (0.5 s), dimensions (W x H x D): 110 x 45 x 40 mm System requirements: – iOS devices from version 9.0 – Android devices from version 5.0 – Bluetooth 4.0 * Function and availability depend on the respective end device and the app version (note the description text in the App Store)	4511827	102	
Bluetooth® antenna BTA 800	External antenna for receiver HET/S 24 BLE to increase the range, with 0.8 m connecting lead, protection category: IP 44, dimensions (W x H x D): 80 x 80 x 35 mm	4511829	70	
Hörmann GSM Control				
GSM Control	Opening of the system via telephone call, receipt of status or malfunction information via text messages, no limits regarding the distance, easy parameterisation with the enclosed software or text message commands, up to 1000 authorised users (telephone numbers) can be stored, telephone calls are free of charge for the users, 100–240 V AC, 50/60 Hz, 2 volt-free normally open contacts (max. switching capacity 5 A), 4 digital inputs (freely configurable), temperature range -20°C to +60°C, protection category IP 65, transmission channel 4G/3G/2G/GSM, frequency range UMTS 900/1200 MHz, GSM/GPRS 900/1800 MHz	639782	543	
Code switch BiSecur radio code switches are downward compatible with 868 MHz fixed code receivers				
CTR 1b-1	Code switch with 1 relay output, impulse to control one operator, illuminated keypad, 230 V AC or 24 V AC/DC, without connecting lead Power supply: For 230 V AC, use connecting lead ZL 1; for 24 AC/DC and for providing impulse to operator, use connecting lead ASL.	4511631	175	
CTR 3b-1	Code switch with 3 separate relay outputs, impulse to control two operators and / or outdoor lighting, illuminated keypad, 230 V AC or 24 V AC/DC, without connecting lead Power supply: For 230 V AC, use connecting lead ZL 1; for 24 AC/DC and for providing impulse to operator, use connecting lead ASL.	4511632	201	
CTV 3-1	Code switch with keypad protected against vandalism, with 3 separate relay outputs, impulse to control two operators and / or outdoor lighting, 230 V AC or 24 V AC/DC, without connecting lead Power supply: For 230 V AC, use connecting lead ZL 1; for 24 AC/DC and for providing impulse to operator, use connecting lead ASL.	4511633	240	
CTP 3-1	Code switch with capacitive, illuminated keypad, with 3 separate relay outputs, impulse to control two operators and / or outdoor lighting, 230 V AC or 24 V AC/DC, without connecting lead Power supply: For 230 V AC, use connecting lead ZL 1; for 24 AC/DC and for providing impulse to operator, use connecting lead ASL.	4511634	240	
CTR 1d	Code switch with 1 relay output, impulse to control one operator, keypad protected by a hinged panel, 230 V AC or 24 V AC/DC, without connecting lead Notice: Use a mains adapter (article no. 436109) for 230 V AC power supply.	436355	117	
CTR 3d	Code switch with 3 separate relay outputs, impulse to control two operators and / or outdoor lighting, keypad protected by a hinged panel, 230 V AC or 24 V AC/DC, without connecting lead Power supply: For 230 V AC, use connecting lead ZL 1; for 24 AC/DC and for providing impulse to operator, use connecting lead ASL.	436390	154	
FCT 3-1 BS	 Radio code switch for controlling up to 3 operators, illuminated keypad, protection category: IP 54, housing: plastic, colour Light grey RAL 7040, incl. battery	4511856	95	
FCT 10-1 BS	 Radio code switch for controlling up to 10 operators, illuminated keypad, hinged cover, protection category: IP 54, housing: plastic, painted White aluminium RAL 9006, incl. battery	4511861	143	

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- 5 = UAP-300, HOR-300 required
- 6 = Multi-function circuit board, travel limit circuit board, traffic control circuit board required

		Controls		Controls		Control	General use ☼
	WA 250 R S4, integrated control	WA 300 R S4, WA 300 AR S4, integrated control, external control 300	WA 300 R S4 / WA 300 AR S4 External control 360	445 R	460 R	B 971 R S6	
		• 4	•	•	•		
			•	•	•		
		• 4	•	•	•	•	•
		• 2/4	• 2	• 2	• 2	•	•
		• 2/4	• 2	• 2	• 2	•	•
		• 2/4	• 2	• 2	• 2	•	•
		• 4	•	•	•	•	•
		• 2/4	• 2	• 2	• 2	•	•
		• 4	•	•	•	•	•
		• 4	•	•	•	•	•

Control accessories

Integrated control, 300, 360, 445 R and 460 R

Preferred combinations are specified in the table; further combinations are possible under certain prerequisites.
If applicable, ask your specialist adviser.

Short designation	Description	Article no.	€/ each	
Transponder key switches				
TTR 1000-1	Non-contact transponder key switch, impulse, 230 V AC or 24 V AC/DC, without connecting lead, incl. 1 transponder key and 1 transponder card, can be extended with max. 1 input unit (TTRE-1). Power supply: For 230 V AC, use connecting lead ZL 1.	4511643	240	
TTRE-1	Additional reader for extension of the transponder key switch TTR 1000-1	4511644	119	
TS	Transponder key for transponder key switches TTR 1000-1 / TTRE-1	4510023	16,70	
TL 1000	Transponder card for transponder key switches TTR 1000-1 / TTRE-1	437011	16,70	
ZBG 1-1	Spacer bracket (required for fitting the transponder key switch TTR 1000-1 / TTRE-1 to metal)	4511694	46	
Finger-scan				
BiSecur radio finger-scans are downward compatible with 868 MHz fixed code receivers				
FFL 25 BS	 Radio finger-scan BiSecur, impulse for controlling 2 operators by means of fingerprint, up to 25 fingerprints can be taught in, cannot be deleted individually, hinged cover, activation by opening the cover or by pressing the "ON" button; protection category: IP 54, housing: plastic, painted White aluminium RAL 9006, incl. battery	4511870	189	
FL 150	Finger-scan, impulse, to control door operators via fingerprint, 150 fingerprints can be taught in (can be individually deleted), connecting voltage 230 V	4511640	514	
Key switch posts (cable extensions may be required)				
STN 1	Key switch post to hold 1 command unit With screw base for surface fitting, Surface in White aluminium based on RAL 9006, Dimensions: height 1050 mm, tube 90 x 90 mm Command units are not included in the scope of delivery.	638975	235	
STN 1-B	Key switch post to hold 1 command unit To set in concrete (set-in-concrete version) Surface in White aluminium based on RAL 9006, Dimensions: height 1050 mm, tube 90 x 90 mm Command units are not included in the scope of delivery.	638976	235	
STN 1-1	Key switch post to hold 2 command units or 1 command unit and 1 warning light With screw base for surface fitting, Surface in White aluminium based on RAL 9006, Dimensions: height 1200 mm, tube 90 x 90 mm Command units / warning lights are not included in the scope of delivery.	638977	292	
STN 1-1 B	Key switch post to hold 2 command units or 1 command unit and 1 warning light To set in concrete (set-in-concrete version) Surface in White aluminium based on RAL 9006, Dimensions: height 1200 mm, tube 90 x 90 mm Command units / warning lights are not included in the scope of delivery.	638978	292	
STI 1	Key switch post without control (to hold max. 2 controls and an extension housing)	437083	252	
STL 2	Key switch post set without command units for Hörmann light grille HLG-V 2600 mm (article no. 638458)	638904	345	
Connecting leads, 3-wire, 230 V				
ZL 1	1.5 m length, 3 x 0.75 mm ² with safety plug Suitable for power supply of the devices TTR 1000-1, CTR 1b-1, CTR 3b-1, CTV 3-1 and CTP 3-1.	436127	9,50	
Connecting leads, 6-wire, only 24 V (Suitable for impulse control of all buttons)				
ASL 2	2 m long, stripped on one end	436125	8,50	
ASL 10	10 m long, stripped on one end	436126	17,80	
ASL 50	50 m roll	436065	54	
Mains adapter				
	Mains adapter with Euro plug, 24 V DC, 330 mA	436109	51	
Dock leveller control connecting lead				
	Dock leveller control connecting lead to operator control, 230, complete	638353	17,80	
	Dock leveller control connecting lead to operator control, 400, complete	638352	19,90	

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- 5 = UAP-300, HOR-300 required
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	Controls			Controls		Control	General use ◉
	WA 250 R S4, integrated control	WA 300 R S4, WA 300 AR S4, integrated control, external control 300	WA 300 R S4 / WA 300 AR S4 External control 360	445 R	460 R	B 971 R S6	
		• 4	•	•	•	•	•
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		• 4	•	•	•	•	•
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Control accessories

Integrated control, 300, 360, 445 R and 460 R

Preferred combinations are specified in the table; further combinations are possible under certain prerequisites.
If applicable, ask your specialist adviser.

Short designation	Description	Article no.	€/ each	
Push button				
DTH-R	Push button Open-Stop-Close	637713	54	
DTH-RM	Push button Open-Stop-Close, miniature lock	637714	76	
DTH-I	Push button Impulse-Stop-½ / Open	637715	60	
DTH-IM	Push button Impulse-Stop-½ / Open, miniature lock	637716	80	
DT 02	Push button Impulse-Stop	639891	60	
DT 03	Push button Open-Stop-Close	639892	78	
DT 04	Push button, Open-Stop-Close-½ / Open	639886	103	
DTNA 30	Push button Open-Stop-Close, can be switched off with emergency-off switch	639887	107	
DTP 02	Push button Impulse-Stop, lockable (profile half cylinder article no. 436122 required)	637044	202	
DTP 03	Push button Open-Stop-Close, lockable (profile half cylinder article no. 436122 required)	637045	273	
DTN 10	Emergency-off switch	639888	80	
DTG 01	Foot and mushroom button, opening device, protection category IP 67, press-and-hold	639890	142	
Pull switch / cantilever arm				
ZT 2	Pull switch, impulse, with pull cord length of approx. 3200 mm, protection category IP 65	637510	91	
	Cantilever arm, extension adjustable from approx. 1600 mm to 3000 mm, without pull switch	637003	235	
Optional extras for photocells				
	Weather protective cover for reflection photocells RL 30, RL 50, RL 52, RL 100 and RL 300, as well as one-way photocells EL 31, EL 51, EL 101, EL 301 or angular reflector (up to 8000 mm)	437075	11,90	
	Notice: If two-sided protection is required, order 2 weather protective covers for each photocell set. Exception: If a reflector from 8000 mm is required, this item is required 1 x and art. no. 437076 is required 1 x.			
	Weather protective cover for reflector 8000 – 12000 mm	437076	9,50	
LSE	Adapter print for 2-wire photocell to system jack	639562	69	
LSE 1	Photocell expander LSE 1 in housing (system jack)	436396	76	
LSE 2	Photocell expander LSE 2 in housing (2-wire photocell)	436380	92	
Timers				
ZSU 2	Digital weekly timer in semi-housing, incl. data key	637061	298	
ZSJ 2	Yearly timer, 2-channel, in semi-housing, incl. data key	637079	464	
	Software and USB adapter for timers ZSU 2 and ZSJ 2 for the parameterisation of the data keys enclosed with the timers	637507	171	
Warning lights / warning light tube				
Dual LED	LED double warning light for key switch post STN 1-1 / STN 1-1 B, red / green dual LED, 230 V AC	638979	138	
Triple LED	Triple LED warning light for key switch post STN 1-1 / STN 1-1 B, red / yellow / green triple LED, 24 V DC	639307	138	
TL40Srd	Red LED traffic light (230 V / 50 Hz)	637534	124	
TL40Sgn	Green LED traffic light (230 V / 50 Hz)	637535	124	
TL40Sye	Yellow LED traffic light (230 V / 50 Hz)	637536	112	
TL40Srd / gn	Red / green LED traffic light (230 V / 50 Hz)	637537	208	
TL40Srd / ye / gn	LED traffic light, red / yellow / green (24 V DC), 1-arm	637896	195	
AT 3	Activating kit for door leaf, required for connecting the LED warning light tube	638296	86	
	Yellow rotating mirror warning light (230 V / 50 Hz), multi-function or travel limit circuit board required!	637184	359	
	Angle fitting for rotating mirror warning light	637182	56	
	Yellow flashing warning light (230 V / 50 Hz), multi-function or travel limit circuit board required!	637183	228	
	Angle fitting for flashing warning light	637181	37	

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	Controls			Controls		Control	General use ◐
	WA 250 R S4, integrated control	WA 300 R S4, WA 300 AR S4, integrated control, external control 300	WA 300 R S4 / WA 300 AR S4 External control 360	445 R	460 R	B 971 R S6	
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Control accessories

Integrated control, 300, 360, 445 R and 460 R

Preferred combinations are specified in the table; further combinations are possible under certain prerequisites.
If applicable, ask your specialist adviser.

Short designation	Description	Article no.	€/ each	
	Optional extras			
HLG-V	Extension set Hörmann light grille HLG as advance protection, incl. protective tube, height 2500 mm, range up to 10 m. Optional key switch post set STL 2 (article no. 638904, refer to key switch posts category) available.	638458	948	
RBM 2 E	Radar movement detector for Open door function, not a safety device	637484	446	
	Infrared remote control (for radar movement detector RBM 2 E)	637485	138	
PRM 1	Movement detector for Open door function and for presence detection	637708	463	
	Infrared remote control (for movement detector PRM 1)	637710	49	
	Magnet switch VDS class C for door opening monitoring	637675	89	
	Alarm horn, IP 33, connecting voltage 230 V AC, multi-function or travel limit circuit board required!	637197	125	
	Safety pull cord switch for the rolling shutter curtain	637600	73	
	Extension housing for industrial door controls (semi-housing)	637014	68	
	Induction loop detectors / pre-fabricated induction loops			
DI 1 Pro	Induction loop detector in semi-housing without loop cable	637056	463	
DI 2 Pro	Induction loop detector in semi-housing without loop cable	637076	589	
	Loop cable for DI, 50 m roll	637059	82	
	Motor protective switch (after technical clarification)			
	Motor protective switch 1 – 1.6 A	635500	120	
	Motor protective switch 1.6 – 2.5 A	635501	113	
	Motor protective switch 2.5 – 4 A	635502	120	
	Motor protective switch 4 – 6.3 A	635503	113	
	Motor protective switch 6.3 – 10 A	635504	119	
	Motor protective switch housing IP 54	635505	45	

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	Controls			Controls		Control	General use ◉
	WA 250 R S4, integrated control	WA 300 R S4, WA 300 AR S4, integrated control, external control 300	WA 300 R S4 / WA 300 AR S4 External control 360	445 R	460 R	B 971 R S6	
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Direct drive operators with absolute encoder (AWG)

For rolling shutters DD and rolling grilles DD

400 V 3-phase current For controls 445 R and 460 R

	On-time		Protection category IP 65	Emergency operation		STNHB	STNHB + KNH	Total surcharge €
	40%	60%		SMA	KNH			
DD 17								
		●	●	●				No surcharge
		●	●		362			362
DD 25								
		●	●	●				No surcharge
		●	●		362			362
DD 30								
		●	●	●				No surcharge
		●	●		362			362
		●	●	●		1218		1218
		●	●				1580	1580
DD 40								
		●	●	●				No surcharge
		●	●		362			362
DD 50								
		●	●	●				No surcharge
		●	●		362			362
DD 65								
		●	●	●				No surcharge
		●	●		362			362
DD 100								
		●	●	●				No surcharge
		●	●		362			362
DD 160								
		●	●	●				No surcharge
		●	●		362			362
DD 180								
		●	●	●				No surcharge
		●	●		362			362

Explanation of the abbreviations used:

SMA = Service and fitting adapter
 KNH = Emergency chain
 STNHB = Emergency operation on the front side via SMA
 IP = Protection category

Direct drive operators with absolute encoder (AWG)

For rolling shutters DD and rolling grilles DD

230 V 3-phase current

For controls 445 R and 460 R with main switch

	On-time		Protection category IP 65	Emergency operation		STNHB	STNHB + KNH	Surcharge €
	40%	60%		SMA	KNH			
DD 30								
		●	●	●				No surcharge
		●	●		362			362
		●	●	●		1218		1218
		●	●				1580	1580

230 V 1-phase current

For controls 445 R and 460 R

	On-time		Protection category IP 65	Emergency operation		STNHB	STNHB + KNH	Surcharge €
	40%	60%		SMA	KNH			
DD 25								
	●		●	●				794
	●		●		362			362

Extension emergency uncoupling / emergency chain

Switch cable extension 2 × 4 m for emergency hand chain drive			57280	22
Switch cable extension 2 × 10 m for emergency hand chain drive			57751	27
Hand chain for KNH, for DD operators	Length	4000 mm	57431	29
	Length	6000 mm	57432	41
	Length	8000 mm	57433	56
	Length	10000 mm	57434	68
	Length	12000 mm	57435	78
	Length	14000 mm	57436	111
	Length	16000 mm	57437	125
	Length	18000 mm	57438	141
	Length	20000 mm	57439	158

Further accessories for direct drive operators

			Article no.	€
Heater unit for direct drive and chain drive operators (panel heating) recommended for temperature ranges between -15 and -30°C			57415	350
Extension for motor connection line			Per m 9005798	16,80

Explanation of the abbreviations used:

SMA	=	Service and fitting adapter
KNH	=	Emergency chain
STNHB	=	Emergency operation on the front side via SMA
IP	=	Protection category

Direct drive operators with digital limit switch (DES)

For rolling shutters Decotherm S DD with accessory package S6

230 V 1-phase current For control B 971 R S6

Article no.	Protection category IP 65	Emergency operation		STNHB	STNHB + KNH	Surcharge €
		SMA	KNH			
DD S6						
–	●	●				No surcharge
–	●		362			362

Extension emergency uncoupling / emergency chain				Article no.	€
Switch cable extension 2 × 4 m for emergency hand chain drive				57280	22
Switch cable extension 2 × 10 m for emergency hand chain drive				57751	27
Hand chain for KNH, for DD operators	Length	4000 mm		57431	29
	Length	6000 mm		57432	41
	Length	8000 mm		57433	56
	Length	10000 mm		57434	68
	Length	12000 mm		57435	78
	Length	14000 mm		57436	111
	Length	16000 mm		57437	125
	Length	18000 mm		57438	141
	Length	20000 mm		57439	158

Explanation of the abbreviations used:

- SMA = Service and fitting adapter
- KNH = Emergency chain
- STNHB = Emergency operation on the front side via SMA
- IP = Protection category

Notes and sketches

Special packaging

Transport crates for standard rolling shutters

Inside dimensions			For rolling shutter dimensions up to approx.		Version			
Length mm	Width mm	Height mm	Width mm	Height mm	Air freight		Sea freight	
					Weight	€	Weight	€
3000	700	600	2000	2000	140	1267	160	1375
4000	700	600	3000	3000	160	1530	180	1636
5000	800	650	4000	4000	220	2135	250	2243
6000	800	850	5000	5000	260	2529	290	2657
7000	800	700	6000	6000	350	3002	350	3162
8000	900	750	7000	7000	400	3687	430	3951
9000	900	750	8000	8000	450	4212	490	4532
10000	900	750	9000	7000	500	4821	550	5134
11000	900	750	10000	7000	550	5213	600	5528
12000	900	750	11000	7000	600	5528	650	5846
13000	900	750	11800	7000	650	6056	700	6423

Notice:

For rolling shutters with special equipment, please enquire about the dimensions and price.

Brand quality for residential and commercial construction

The family-owned company Hörmann offers all important construction components for building and renovating projects from a single source. We manufacture in highly-specialised factories using the latest production technologies. Furthermore, our employees work intensively on new products, continual further developments and improvements to details. The results are patents and one-of-a-kind products you can depend on.

