



PRICELIST

GENERAL

Price List includes gross prices. Prices to be applied to a complete door order. Spare part prices can be obtained from the web catalogue on <http://aftersales.toors.cz>.

BASIC CONFIGURATION

- standard lift (SL 420, SL 350); other lift types for surcharges according to price list
- adjustable bottom aluminium bracket (540)
- powder coated torsion springs for 20 000 cycles
- 1" massive shaft
- 1" hollow shaft if $W \leq 4500$ mm and $H \leq 4250$ mm
- 1 1/4" massive shaft if $W \geq 7000$ mm and $H \geq 3000$ mm
- coupler
- coupling of horizontal track

Reinforcing struts:

- 6001 mm - 7000 mm...65 mm reinforcing strut per panel
- 7001 mm - 8000 mm...110 mm reinforcing strut per panel
- 1 pc diagonal/perforated angle, $L = 3000$ mm
- rollers, hinges, bearing plates, cable drums, cables, screws

Fixing material to building construction is not included!

VERTICAL AND HORIZONTAL RAILS

- vertical and horizontal rails made from 2 mm galvanised steel

DOOR LEAF

- 40 mm sandwich panel made from galvanised steel sheets filled with polyurethane (PUR) foam
- 80 mm sandwich panel filled with PUR foam on request
- 40 mm sandwich panel filled with PIR foam on request
- design offer according to our current panel range

*) FVE - aluminium glass section

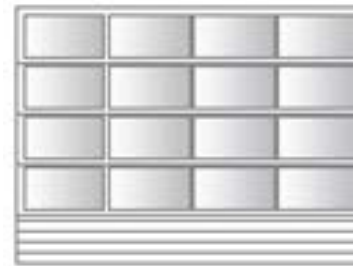
DOOR LEAF SHAPE

STANDARD - traditional panel (without FSP - finger safe protection)

PROTECT (FSP) - finger safe protection panel

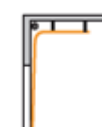
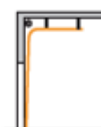
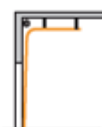
FVE^{*)} DOORS

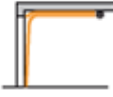
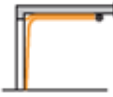
- The door leaf consists of one panel section filled with polyurethane foam and the others are made of aluminum glazed sections or all aluminum sections are glazed
- If the doors meets the definition of FVE doors, each individual surcharge for the FVE section is reduced by 15%
- Sections with traditional joint type or with finger safe protection (without extra surcharge)



ACCESSORIES

- aluminium full vision sections - FVE (at extra cost; see p. 7-11)
- pass door (at extra cost; see p. 13)
- windows (at extra cost; see p. 16-18)
- handles, locks (at extra cost; see p. 19, 20)
- slide bolts, locks (at extra cost; see p. 21, 22)
- handgrips (at extra cost; see p. 23)
- bottom bracket and cable break device (at extra cost; see p. 24)
- drives (at extra cost; see p. 25)
- control units, connection cables (at extra cost; see p. 26)
- safety elements, accessories (at extra cost; see p. 27-30)
- BFT Argo operator and accessories (at extra cost; see p. 31)

SL 420, SL 350 	HL ≤ 750 	HL ≤ 1370 	HL ≤ 2000 	HL ≤ 2500 	HL ≤ 3050 	HL ≤ 4100 	HL-T 
Basic price	Surcharge* 3%	Surcharge* 6%	Surcharge* 10%	Surcharge* 14%	Surcharge* 16%	Surcharge* 22%	Surcharge** 178 € ¹

HL-T 	VL 	VL-T 	VL-T 	LL-I 	LL-I 	LL-DT 	LL-DT 
Surcharge** 232 € ²	Surcharge* 11%	Surcharge** 178 € ¹	Surcharge** 232 € ²	Surcharge** 259 € ¹	Surcharge** 311 € ²	Surcharge** 358 € ¹	Surcharge** 431 € ²

SURCHARGES FOR FOLLOWING ROOF LIFT SYSTEMS

≤ 8°	basic price surcharge (calculated as percentage from basic price)	2%
≤ 12°	basic price surcharge (calculated as percentage from basic price)	4%
≤ 25°	basic price surcharge (calculated as percentage from basic price)	8%
≥ 26°	basic price surcharge (calculated as percentage from basic price)	13%

* basic price surcharge (calculated as percentage from basic price)

** door final price surcharge

1 if W ≤ 4000 mm and H ≤ 4000 mm

2 if W > 4000 mm or H > 4000 mm

STANDARD (SL 350, SL 420) - BASIC PRICE (€)

		Width [mm]																												Number of sections		
		2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000	7250	7500	7750	8000	500	610				
Height [mm]	6 500	3 064	3 117	3 122	3 354	3 573	3 750	3 818	4 082	4 474	4 589	4 779	5 271	5 356	5 513	5 894	6 375	6 737	7 098									2	9	11		
	6 250	2 881	2 901	2 994	3 257	3 450	3 631	3 715	3 966	4 271	4 407	4 622	5 036	5 109	5 471	5 765	6 132	6 635	6 874	7 635								4	7	11		
	6 000	2 663	2 746	2 871	3 163	3 331	3 514	3 615	3 856	4 079	4 233	4 471	4 735	4 951	5 432	5 638	5 900	6 538	6 659	7 322	7 303	7 613						1	9	10		
	5 750	2 462	2 600	2 753	3 072	3 217	3 404	3 516	3 747	3 893	4 067	4 322	4 453	4 798	5 393	5 514	5 675	6 440	6 450	7 023	7 123	7 346	7 338					3	7	10		
	5 500	2 392	2 502	2 662	2 794	2 972	3 122	3 272	3 522	3 676	3 732	3 944	4 045	4 325	5 023	5 052	5 303	6 006	6 100	6 582	6 755	7 035	7 330	7 511	7 833		-	9	9			
	5 250	2 241	2 417	2 575	2 700	2 898	3 076	3 167	3 270	3 557	3 659	3 711	3 879	4 221	4 723	4 911	5 168	5 688	5 805	6 441	6 509	6 761	7 047	7 397	7 582	7 815	2	7	9			
	5 000	2 071	2 169	2 289	2 473	2 663	2 883	2 991	3 031	3 225	3 421	3 425	3 725	3 941	4 474	4 561	4 717	5 338	5 449	6 258	6 314	6 474	6 629	7 018	7 253	7 434	4	5	9			
	4 750	2 039	2 066	2 250	2 433	2 578	2 634	2 791	2 959	3 023	3 232	3 344	3 556	3 725	4 188	4 309	4 433	5 025	5 194	5 665	5 828	6 052	6 307	6 643	6 922	7 052	1	7	8			
	4 500	1 915	2 032	2 159	2 246	2 441	2 572	2 679	2 748	2 938	3 164	3 240	3 389	3 679	3 993	4 130	4 248	4 810	4 973	5 114	5 243	5 946	6 153	6 530	6 656	6 792	3	5	8			
	4 250	1 829	1 948	2 053	2 162	2 282	2 413	2 568	2 671	2 799	2 943	3 044	3 222	3 453	3 798	3 838	4 014	4 390	4 715	4 770	4 934	5 034	5 481	5 982	6 240	6 431	-	7	7			
	4 000	1 730	1 848	1 960	2 085	2 159	2 282	2 350	2 465	2 599	2 676	2 863	3 021	3 279	3 654	3 725	3 834	4 243	4 458	4 498	4 719	4 800	5 211	5 736	5 977	6 163	2	5	7			
	3 750	1 649	1 752	1 853	1 989	2 036	2 207	2 238	2 345	2 474	2 565	2 681	2 855	3 082	3 408	3 496	3 606	3 907	3 966	4 106	4 405	4 441	4 747	5 145	5 339	5 499	5	2	7			
	3 500	1 556	1 690	1 783	1 818	1 973	2 039	2 149	2 220	2 315	2 451	2 487	2 715	2 863	3 237	3 265	3 457	3 775	3 929	3 990	4 221	4 253	4 547	4 948	5 105	5 279	1	5	6			
	3 250	1 496	1 617	1 717	1 754	1 870	1 964	2 068	2 093	2 207	2 292	2 387	2 547	2 724	3 051	3 103	3 232	3 614	3 718	3 853	3 928	4 103	4 352	4 388	4 779	4 929	4	2	6			
	3 000	1 421	1 486	1 557	1 638	1 732	1 829	1 924	1 984	2 086	2 186	2 259	2 374	2 485	2 853	2 864	3 021	3 240	3 373	3 450	3 631	3 775	3 917	4 066	4 451	4 484	-	5	5			
	2 750	1 320	1 441	1 477	1 531	1 635	1 725	1 812	1 864	1 936	2 048	2 120	2 191	2 326	2 682	2 763	2 857	3 126	3 177	3 261	3 481	3 512	3 686	3 789	4 144	4 262	3	2	5			
2 500	1 250	1 317	1 379	1 462	1 557	1 614	1 695	1 770	1 809	1 916	1 984	2 095	2 202	2 488	2 556	2 665	2 823	2 843	2 896	3 147	3 189	3 296	3 439	3 762	3 857	5	-	5				
2 250	1 199	1 296	1 360	1 432	1 474	1 527	1 610	1 664	1 754	1 759	1 847	1 959	2 072	2 367	2 399	2 452	2 613	2 667	2 721	2 899	3 023	3 131	3 215	3 438	3 516	2	2	4				
2 000	1 153	1 273	1 340	1 395	1 403	1 444	1 531	1 563	1 605	1 711	1 719	1 830	1 951	2 044	2 138	2 232	2 417	2 503	2 559	2 671	2 866	2 974	3 005	3 144	3 206	4	-	4				

Single side hinges (up to 4999 mm)										Double side hinges from 5000 mm							
Without reinforcing struts										1 pc of 65 mm reinforcing struts per section				1 pc of 110 mm reinforcing struts per section			
2 torsion springs										4 torsion springs							
2 windows (up to 2600 mm)		3 windows (up to 3400 mm)			4 windows (up to 4200 mm)			5 windows (up to 5000 mm)		6 windows (up to 5800 mm)		7 windows (up to 6600 mm)			8 windows		
2 FVE fields		3 FVE fields			4 FVE fields			5 FVE fields		6 FVE fields			7 FVE fields		not possible		

*) FVE - aluminium glass section

PROTECT (SL 350, SL 420) - BASIC PRICE (€) + 7%

		Width [mm]																												Number of sections		
		2000	2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000	7250	7500	7750	8000	500	610				
Height [mm]	6 500	3 279	3 336	3 342	3 589	3 823	4 013	4 086	4 368	4 787	4 911	5 113	5 641	5 731	5 899	6 307	6 822	7 209	7 596									2	9	11		
	6 250	3 083	3 104	3 204	3 486	3 691	3 885	3 976	4 245	4 571	4 716	4 946	5 389	5 467	5 855	6 169	6 562	7 100	7 356	8 170								4	7	11		
	6 000	2 849	2 939	3 073	3 385	3 565	3 761	3 868	4 126	4 365	4 530	4 784	5 067	5 299	5 813	6 033	6 313	6 996	7 127	7 835	7 815	8 146						1	9	10		
	5 750	2 634	2 782	2 946	3 287	3 442	3 642	3 763	4 010	4 167	4 352	4 625	4 765	5 135	5 771	5 900	6 073	6 891	6 902	7 515	7 622	7 860	7 853					3	7	10		
	5 500	2 560	2 678	2 848	2 990	3 181	3 342	3 502	3 768	3 934	3 994	4 221	4 329	4 628	5 376	5 406	5 675	6 427	6 528	7 044	7 228	7 529	7 843	8 037	8 381		-	9	9			
	5 250	2 399	2 587	2 756	2 889	3 101	3 292	3 389	3 499	3 807	3 916	3 972	4 151	4 516	5 054	5 255	5 531	6 087	6 212	6 892	6 966	7 235	7 541	7 914	8 113	8 362	2	7	9			
	5 000	2 216	2 322	2 450	2 647	2 849	3 085	3 201	3 244	3 452	3 661	3 666	3 987	4 217	4 787	4 880	5 048	5 712	5 831	6 697	6 757	6 927	7 094	7 510	7 761	7 955	4	5	9			
	4 750	2 182	2 211	2 408	2 604	2 759	2 820	2 987	3 167	3 235	3 458	3 578	3 804	3 987	4 481	4 610	4 745	5 378	5 558	6 062	6 237	6 475	6 748	7 109	7 407	7 547	1	7	8			
	4 500	2 050	2 175	2 310	2 403	2 613	2 752	2 867	2 940	3 145	3 386	3 468	3 627	3 938	4 273	4 419	4 546	5 147	5 321	5 473	5 610	6 362	6 584	6 988	7 122	7 267	3	5	8			
	4 250	1 958	2 085	2 197	2 313	2 441	2 582	2 748	2 859	2 996	3 150	3 258	3 448	3 695	4 065	4 107	4 296	4 698	5 046	5 105	5 281	5 387	5 865	6 401	6 677	6 882	-	7	7			
	4 000	1 852	1 979	2 097	2 231	2 310	2 441	2 516	2 637	2 781	2 863	3 064	3 233	3 509	3 910	3 987	4 103	4 540	4 770	4 814	5 050	5 137	5 576	6 138	6 397	6 595	2	5	7			
	3 750	1 765	1 875	1 983	2 129	2 179	2 362	2 395	2 509	2 648	2 745	2 869	3 055	3 298	3 648	3 742	3 859	4 181	4 245	4 394	4 714	4 752	5 079	5 506	5 713	5 884	5	2	7			
	3 500	1 665	1 808	1 908	1 946	2 112	2 182	2 301	2 376	2 479	2 623	2 662	2 905	3 064	3 463	3 494	3 700	4 040	4 205	4 269	4 516	4 552	4 866	5 295	5 463	5 648	1	5	6			
	3 250	1 601	1 730	1 838	1 877	2 001	2 102	2 213	2 240	2 362	2 453	2 555	2 726	2 916	3 265	3 322	3 458	3 867	3 978	4 123	4 204	4 391	4 657	4 696	5 113	5 274	4	2	6			
	3 000	1 520	1 591	1 666	1 753	1 854	1 958	2 059	2 124	2 232	2 340	2 418	2 540	2 660	3 054	3 065	3 233	3 468	3 610	3 691	3 885	4 040	4 191	4 351	4 764	4 799	-	5	5			
	2 750	1 413	1 542	1 581	1 639	1 750	1 845	1 940	1 996	2 072	2 192	2 269	2 344	2 489	2 870	2 957	3 057	3 345	3 400	3 490	3 726	3 759	3 944	4 054	4 435	4 561	3	2	5			
2 500	1 338	1 410	1 477	1 565	1 666	1 728	1 814	1 894	1 936	2 051	2 124	2 242	2 357	2 663	2 735	2 852	3 021	3 042	3 099	3 367	3 413	3 527	3 681	4 026	4 127	5	-	5				
2 250	1 284	1 387	1 456	1 533	1 577	1 633	1 723	1 781	1 877	1 883	1 978	2 096	2 217	2 534	2 568	2 625	2 796	2 855	2 912	3 102	3 235	3 350	3 440	3 679	3 763	2	2	4				
2 000	1 234	1 363	1 434	1 494	1 501	1 546	1 639	1 673	1 718	1 832	1 840	1 959	2 088	2 188	2 288	2 389	2 587	2 679	2 739	2 859	3 067	3 183	3 216	3 364	3 431	4	-	4				

Single side hinges (up to 4999 mm)										Double side hinges from 5000 mm									
Without reinforcing struts										1 pc of 65 mm reinforcing struts per section					1 pc of 110 mm reinforcing struts per section				
2 torsion springs										4 torsion springs									
2 windows (up to 2600 mm)		3 windows (up to 3400 mm)			4 windows (up to 4200 mm)		5 windows (up to 5000 mm)			6 windows (up to 5800 mm)			7 windows (up to 6600 mm)			8 windows			
2 FVE fields		3 FVE fields			4 FVE fields		5 FVE fields			6 FVE fields			7 FVE fields			not possible			

*) FVE - aluminum glass section

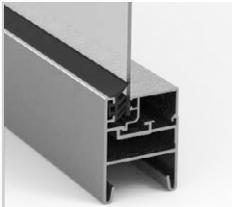
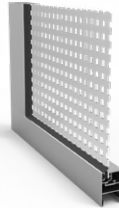
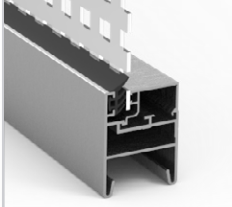
AVAILABLE DIMENSIONS OF FVE^{*)} DOORS

FVE doors: The door leaf consists of one panel section filled with PUR foam and the others are made from aluminum glass sections or all sections are FVE.

		Width [mm]																				Number of sections	
		2250	2500	2750	3000	3250	3500	3750	4000	4250	4500	4750	5000	5250	5500	5750	6000	6250	6500	6750	7000		
Height [mm]	6 500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	11	
	6 250	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	11	
	6 000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	10	
	5 750	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	10	
	5 500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	9	
	5 250	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	9	
	5 000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	9	
	4 750	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	8
	4 500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	8
	4 250	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
	4 000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
	3 750	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	7
	3 500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
	3 250	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	6
	3 000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
	2 750	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
	2 500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
	2 250	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	4
	2 000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	4
		Single side hinges (up to 4999 mm)												Double side hinges from 5000 mm									
		FVE without reinforcing struts									FVE profiles with reinforcing struts												
		2 torsion springs																4 torsion springs					
		2 FVE fields			3 FVE fields				4 FVE fields				5 FVE fields				6 FVE fields				7 FVE fields		

^{*)} FVE - aluminum glass section

VARIOUS GLAZING OF FVE^{*)} - 40MM SECTIONS

		SIMPLE GLAZING Material: PMMA, polycarbonate Glazing design: transparent
		DOUBLE GLAZING Material: PMMA, polycarbonate Glazing design: transparent, frosted satin, R-structure, milk (opal), smoked glass
		INSULATED ALUMINIUM FILLINGS Material: aluminium, polystyrene Design: stucco/stucco
		VENTILATION FILLINGS Material: natural aluminium Design: mesh 16/8, 22/12, 10/10

Aluminium expanded mesh

16/8



air permeability 56%

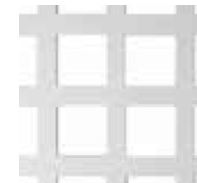
22/12



air permeability 67%

Aluminium perforated plate

10/10



air permeability 51%

Coloured pane options

f	frosted satin
w	R-structure
m	milk (opal)
s	smoked glass

FVE WITH THERMAL BREAK



FVE WITHOUT THERMAL BREAK



^{*)} FVE - aluminum glass section

SURCHARGES FOR VARIOUS GLAZING OF FVE^{*)} SECTION WITHOUT THERMAL BREAK (€)^{**) - 40MM}

Code No.:	Description of glazing: Width [mm]:	2 250	2 500	2 750	3 000	3 250	3 500	3 750	4 000	4 250	4 500	4 750	5 000	5 250	5 500	5 750	6 000	6 250	6 500	6 750	7 000
220	Single wall PMMA: 1 × 2,5 mm PMMA	157	160	177	180	206	208	211	226	239	242	328	338	417	420	432	447	521	523	5209	535
230	Single wall polycarbonate: 1 × 3,0 mm polycarbonate	245	250	283	290	332	338	355	380	405	413	511	527	617	624	649	675	764	771	777	803
240	Single wall - tempered glass: 1 × 4,0 mm tempered glass	264	283	317	336	374	393	418	447	476	495	566	580	647	666	695	724	791	810	828	858
250	Double wall PMMA, 2 × 2,5 mm PMMA	200	205	229	235	271	276	289	308	329	333	419	427	507	511	532	551	628	633	638	658
251	Double wall PMMA abrasion resistant: 2 × 2,5 mm PMMA - 1× ANTI SCRATCH	240	249	280	290	330	339	357	381	407	417	507	517	600	611	636	660	742	751	762	785
252	Double wall PMMA abrasion resistant: 2 × 2,5 mm PMMA - 2× ANTI SCRATCH	280	295	330	344	388	404	426	455	486	500	594	607	695	710	741	769	855	870	885	914
250.C	Double wall PMMA with coloured panes: 2 × 2,5 mm PMMA	259	270	302	314	357	369	388	414	442	455	546	558	644	655	683	709	793	806	817	844
260	Double wall polycarbonate: 2 × 3,0 mm polycarbonate	315	333	372	391	441	460	487	518	553	572	672	686	778	797	832	865	955	973	992	1026
270	Insulated aluminium stucco fillings: 2 × 0,6 mm aluminium stucco sheet + 20 mm polystyrene	276	290	324	338	384	398	419	446	477	491	585	598	686	700	729	758	844	858	872	900
280	Expanded mesh: natural aluminium - mesh 16/8	149	152	166	170	193	197	205	212	222	228	310	321	397	401	411	426	495	500	503	510
281	Expanded mesh: natural aluminium - mesh 22/12	149	152	166	170	193	197	205	212	222	228	310	321	397	401	411	426	495	500	503	510
282	Perforated plate (10x10mm, bond 4mm)	191	193	218	222	253	257	261	281	298	316	391	404	490	503	509	529	612	619	622	631

*) FVE - aluminum glass section

**) If the doors meets the definition of FVE doors, each individual surcharge for the FVE section is reduced by 15%

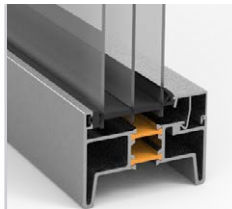
SURCHARGES FOR VARIOUS GLAZING OF FVE^{*)} SECTION WITH THERMAL BREAK (€)^{**) - 40MM}

Code No.:	Description of glazing: Width [mm]:	2 250	2 500	2 750	3 000	3 250	3 500	3 750	4 000	4 250	4 500	4 750	5 000	5 250	5 500	5 750	6 000	6 250	6 500	6 750	7 000
250	Double wall PMMA, 2 × 2,5 mm PMMA	341	349	382	388	455	463	478	504	543	549	662	677	793	801	826	853	971	978	984	1 010
251	Double wall PMMA abrasion resistant: 2 × 2,5 mm PMMA - 1× ANTI SCRATCH	388	401	440	451	525	537	557	590	634	645	765	782	905	916	948	979	1 103	1 115	1 128	1 160
252	Double wall PMMA abrasion resistant: 2 × 2,5 mm PMMA - 2× ANTI SCRATCH	435	453	497	516	594	611	638	675	726	743	867	886	1 015	1 033	1 069	1 106	1 235	1 253	1 272	1 309
250.C	Double wall PMMA with coloured panes: 2 × 2,5 mm PMMA	409	425	465	480	556	571	594	628	675	690	811	828	953	969	1 002	1 036	1 163	1 179	1 193	1 228
260	Double wall polycarbonate: 2 × 3,0 mm polycarbonate	476	498	548	570	654	676	708	750	805	827	956	978	1 110	1 133	1 175	1 217	1 351	1 375	1 397	1 438
270	Insulated aluminium stucco fillings: 2 × 0,6 mm aluminium stucco sheet + 20 mm polystyrene	430	447	492	509	586	604	629	666	715	733	857	876	1 002	1 020	1 056	1 093	1 221	1 239	1 257	1 293

*) FVE - aluminum glass section

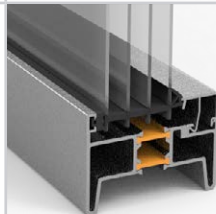
**) If the doors meets the definition of FVE doors, each individual surcharge for the FVE section is reduced by 15%

VARIOUS GLAZING OF FVE^{*)} - 80MM SECTIONS



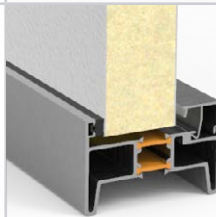
TRIPLE GLAZING

Material: PMMA
Glazing design: transparent



QUADRUPLE GLAZING

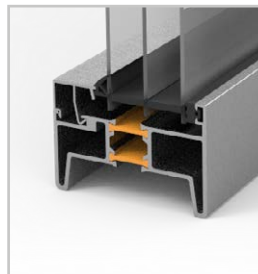
Material: PMMA
Glazing design: transparent



INSULATED ALUMINIUM FILLINGS

Material: aluminium, polystyrene
Design: stucco/stucco

FVE WITH THERMAL BREAK



^{*)} FVE - aluminum glass section

SURCHARGES FOR VARIOUS GLAZING OF FVE^{*)} SECTION WITH THERMAL BREAK (€)^{**) - 80MM}

Code No.:	Description of glazing: Width [mm]:	2 250	2 500	2 750	3 000	3 250	3 500	3 750	4 000	4 250	4 500	4 750	5 000	5 250	5 500	5 750	6 000	6 250	6 500	6 750	7 000
350	Triple wall PMMA, 3 × 2,5 mm PMMA	416	461	507	554	599	646	691	738	784	830	876	921	968	1 014	1 060	1 106	1 153	1 198	1 245	1 290
351	Triple wall PMMA abrasion resistant: 3 × 2,5 mm PMMA - 2× ANTI SCRATCH	519	577	633	691	749	807	863	921	980	1 038	1 095	1 153	1 210	1 268	1 325	1 383	1 440	1 498	1 555	1 613
370	Insulated aluminium stucco fillings: 2 × 0,6 mm aluminium stucco sheet + 40 mm polystyrene	534	593	652	711	770	830	889	948	1 007	1 066	1 125	1 184	1 245	1 304	1 363	1 422	1 481	1 540	1 600	1 659
450	Quadruple wall PMMA with coloured panes: 4 × 2,5 mm PMMA	534	593	652	711	770	830	889	948	1 007	1 066	1 125	1 184	1 245	1 304	1 363	1 422	1 481	1 540	1 600	1 659
451	Quadruple wall PMMA abrasion resistant: 4 × 2,5 mm PMMA - 2× ANTI SCRATCH	697	775	851	929	1 006	1 084	1 160	1 237	1 315	1 394	1 470	1 547	1 625	1 702	1 779	1 856	1 934	2 011	2 089	2 166

*) FVE - aluminum glass section

**) If the doors meets the definition of FVE doors, each individual surcharge for the FVE section is reduced by 15%

ACCESSORIES (€)

Panels - other types		Price	Unit
Door with 80 mm panels (surcharge to basic price = see chart STANDARD on p. 4)		36%	
Wood imitation panel surface		28	per m ²
Panel 540 RAL 7021/9002		8	per m ²
Hanging and consolidation equipment		Price	Unit
Perforated galvanized diagonal, round / oval holes, 30 x 30 x 3000 mm	first piece	included	pc
	second and other pieces	18	pc
Perforated galvanized diagonal, oval holes, 50 x 50 x 3000 mm	first piece	23	pc
	second and other pieces	42	pc
Coupling at the horizontal track end		included	m
Torsion springs		Price	Unit
20 000 cycles		included	pair
25 000 cycles*		77	pair
50 000 cycles*/**		154	pair
100 000 cycles*/**		410	pair
*For doors wider than 6000mm the surcharge is double		** Please contact Toors to verify technical feasibility.	
Spring bumper extra-long		Price	Unit
Spring bumper extra-long		33	pair
Spring break security device		Price	Unit
Spring break security device, 1" shaft		60	pair
Spring break security device, reinforced, 1 1/4" shaft		80	pair
Air grates		Price	Unit
Plastic air grate, can be closed (black/white; white/white), air permeability = 0,015 m ²		33	pc

ACCESSORIES (€)

Painting		Price	Unit
Painting panel in RAL or NCS	per side	38	per m ²
Painting panel in pearl RAL	per side	106	per m ²
Painting panel in RAL 9006,9007	per side	43	per m ²
Painting panel in fine/coarse sand structure	per side	43	per m ²
Painting of FVE in RAL or NCS	per side	38	per m ²
Painting of FVE in pearl RAL	per side	106	per m ²
Painting of FVE in RAL 9006, 9007	per side	43	per m ²
Painting of FVE in RAL or NCS	inside and outside in one colour	38	per m ²
Painting of FVE in pearl RAL	inside and outside in one colour	106	per m ²
Painting of FVE in RAL 9006, 9007	inside and outside in one colour	43	per m ²
Painting of FVE glazing bars	per meter (W)	10	per meter (W)
Painting insulated aluminum stucco fillings in RAL or NCS	per side	38	per m ²
Painting expanded mesh in RAL or NCS	double-faced painting only	76	per section
Painting top/bottom Al profile in RAL or NCS	per side (not painted panel)	19	per meter (W)
Painting top/bottom Al profile in RAL or NCS*	per side, painting in the same colour as painted panel	included	per meter (W)
Painting pass door Al profiles in RAL or NCS	per side (not painted panel)	220	per pc
Painting pass door Al profiles in RAL or NCS*	per side, painting in the same colour as painted panel	included	per pc
Painting Al profile of fixed top panel in RAL or NCS	per side (not painted panel)	19	per meter (circuit)
Painting Al profile of fixed top panel in RAL or NCS*	per side, painting in the same colour as painted panel	included	per meter (circuit)
Painting of trackset (food industry approved, RAL 9016)	per m track set	56	per m track set
Painting of fixed top panel in RAL or NCS	per side	53	per pc
Painting of fixed top panel in pearl RAL	per side	147	per pc
Painting of fixed top panel in RAL 9006, 9007	per side	59	per pc
Painting of fixed top panel FVE in RAL nebo NCS	per side	43	per pc
Painting the window frame	per side	55	per pc
Painting of air grates	per side	30	per pc

*if the panel is painted, the top/bottom profiles are painted as well

ACCESSORIES (€)

Shaft		Price	Unit
1" hollow shaft, galvanized with key way	max. W ≤ 4500 and max. H ≤ 4270	included	per meter (W)
1" massive shaft, galvanized with key way	at doors of W > 4500 or H > 4270	included	per meter (W)
	smaller doors	14	per meter (W)
1 1/4" massive shaft, galvanized with key way	doors W > 7000	included	per meter (W)
1 1/4" massive shaft, galvanized with key way	doors W < 7000	225	per meter (W)
Coupling at the shaft		Price	Unit
Fixed coupling 1"		included	pc
Adjustable coupling 1"		25	pc
Adjustable coupling 1"1/4"		29	pc
Operation		Price	Unit
Manual control, pull rope		included	pc
Manual control, chain hoist, ratio 1:4		115	pc
Extra chain for chain hoist with ratio 1:4		4	per meter
Pass door		Price	Unit
Pass door, incl. lock, door handle/door handle, all lift types (SL, LL, HL, VL)		935	pc
Extra-low threshold (18 mm); only for W ≤ 5000 mm		220	pc
Low threshold (80 mm); only for W ≤ 5000 mm		220	pc
Closer with sliding arm		included	pc
Fixed top panels		Price	Unit
Fixed top panel, max. W = 8000 mm	H ≤ 250 mm	79	per meter (W)
	250 < H < 620	94	per meter (W)
Fixed top FVE, max. W = 7000 mm	250 < H < 620	176	per meter (W)
Reinforcing struts		Price	Unit
Reinforcing struts 65 mm	W ≤ 6000	12	per meter (W)
	W > 6000	included	per meter (W)
Reinforcing struts 110 mm	W ≤ 6000	24	per meter (W)
	6000 < W ≤ 7000	12	per meter (W)
	W > 7000	included	per meter (W)
End caps - wide		Price	Unit
End caps - wide	W < 5000 mm	22	per section
	W ≥ 5000 mm	included	per section

ACCESSORIES (€)

Cable pull set		Price	Unit
Cable pull set, SL		80	pc
Door track		Price	Unit
3" door track		85	per meter (H)
Cover for cable drums for LL-I		33	pc
Preassembling		Price	Unit
Preassembled Optical Safety Edge		22	pc
Preassembled shaft	T-Door (HL-T, VL-T), LL-DT, LL-I	included	pc
	SL, HL, VL (max. 5000 x 5000 mm) max 20m ²	45	pc
Numbers		Price	Unit
Black numbers		35	pc
Packaging		Price	Unit
Chipboard packaging (the door leaf is protected by chipboard on both the top and bottom sides)		included	pc
Side closed by chipboard (the door leaf is protected by chipboard on the top, bottom, and both longer sides)		119	pc
Packaging "container" (the door leaf and the guide are protected by chipboard on all sides)		255	pc
Certified packaging according to ISPM 15		35	pc
Others		Price	Unit
TOORS brand door		included	pc
Without TOORS brand ("NONAME")		included	pc
Full manual		12	pc
Changes in door specification after releasing to production		Price	Unit
Changes in door specification after releasing to production (no customized materials purchased)		100 *	per position
Changes in door specification after releasing to production (customized materials already purchased)		100 + material*	per position

STAINLESS STEEL COMPONENTS (€)

		Door track										
		SL*)	VL	HL 500	HL 1000	HL 1500	HL 2000	HL 2500	HL 3000	HL 3500	HL 4000	HL 4100
Height [mm]	6000	2 564	3 084	2 617	2 670	2 724	2 778	2 832	2 887	2 941	2 994	3 048
	5500	2 362	2 827	2 414	2 466	2 521	2 575	2 629	2 684	2 737	2 791	2 845
	5000	2 135	2 569	2 210	2 263	2 318	2 374	2 426	2 482	2 534	2 588	2 642
	4500	1 956	2 315	2 008	2 060	2 116	2 171	2 222	2 278	2 330	2 386	
	4000	1 751	2 057	1 804	1 858	1 913	1 967	2 020	2 075	2 128		
	3500	1 548	1 800	1 601	1 656	1 710	1 763	1 817	1 872			
	3000	1 345	1 542	1 398	1 453	1 507	1 560	1 614				
	2500	1 142	1 286	1 195	1 250	1 302	1 357					
	2000	941	1 028	992	1 046	1 099						

Stainless steel components		Price	Unit
End cap	W ≤ 5000 mm	26	per section
	W > 5000 mm	40	per section
Perforated diagonal		85	per 2 pc á 1500 mm
Spring bumper		75	pair
Bottom bracket 550, adjustable, cables inside, max. weight 320 kg		80	pair
Slide bolt 490		25	pc
Coupling of horizontal track		49	per meter of door (W)

Cables (stainless steel)		Price	Unit
LL-I, LL-DT	2 x H + 2,0 m	12	per m
SL	H + 1,0 m	12	per m
HL	H + HL + 2,0 m	12	per m
VL	2 x H + 2,0 m	12	per m
HL-T	H + (2 x HL) + 2,0 m	12	per m
VL-T	3 x H + 2,0 m	12	per m

Hardware - small parts (stainless steel)		Price	Unit
For one section	W ≤ 4000 mm	73	per section
For one section	W ≤ 5000 mm	83	per section
For one section	W ≤ 6000 mm	139	per section
For one section	W ≤ 7000 mm	149	per section

*) SL 420 only

203 Oval CLICK

64 €

T09-010-40-0001

- black smooth frame
- transparent double glazing, PMMA
- click system
- frame dimensions 663 x 343 mm
- glazing dimensions 580 x 265 mm



205 NG Rectangular CLICK

62 €

T09-010-40-0095

- black smooth frame
- transparent double glazing, PMMA
- click system
- frame dimensions 680 x 373 mm
- glazing dimensions 605 x 298 mm



207 Rectangular 2

84 €

T09-010-40-0087

- black smooth frame
- transparent double glazing, PMMA
- frame dimensions 609 x 146 mm
- glazing dimensions 540 x 85 mm

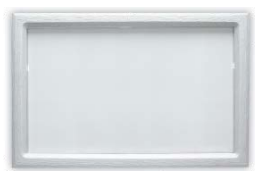


204 Rectangular 3

66 €

T09-010-40-0072

- White frame woodgrain
- Transparent double glazing, PMMA
- Frame dimensions 490 x 325 mm
- Glazing dimensions 430 x 260 mm



206 Rectangular 4

78 €

T09-010-40-0073

- White frame woodgrain
- Satin double glazing, PMMA
- Frame dimensions 490 x 325 mm
- Glazing dimensions 430 x 260 mm



208 Rectangular 5

66 €

T09-010-40-0088

- Brown frame woodgrain
- Transparent double glazing, PMMA
- Frame dimensions 490 x 325 mm
- Glazing dimensions 430 x 260 mm



210 Rectangular 7

65 €

T09-010-40-0074

- Black frame woodgrain
- Transparent double glazing, PMMA
- Frame dimensions 490 x 325 mm
- Glazing dimensions 430 x 260 mm



216 Rectangular 9 for 40 mm panels

74 €

T09-010-40-0053

- silver smooth frame
- transparent double glazing, PMMA
- frame dimensions 637 x 334 mm
- glazing dimensions 550 x 247 mm



216 Rectangular 9 for 80 mm panels

107 €

T09-010-40-0065

- silver smooth frame
- transparent tripple glazing, PMMA
- frame dimensions 637 x 334 mm
- glazing dimensions 550 x 247 mm



212 Rectangular 1 for 40 mm panels

64 €

T09-010-40-0051

- black smooth frame
- transparent double glazing, PMMA
- frame dimensions 637 x 334 mm
- glazing dimensions 550 x 247 mm



212 Rectangular 1 for 80 mm panels

83 €

T09-010-40-0064

- black smooth frame
- transparent triple glazing, PMMA
- frame dimensions 637 x 334 mm
- glazing dimensions 550 x 247 mm



211 Oval 1 for 40 mm panels

65 €

T09-010-40-0050

- black smooth frame
- transparent double glazing, PMMA
- frame dimensions 664 x 346 mm
- glazing dimensions 580 x 256 mm



211 Oval 1 for 80 mm panels

92 €

T09-010-40-0063

- black smooth frame
- transparent triple glazing, PMMA
- frame dimensions 664 x 346 mm
- glazing dimensions 580 x 256 mm



215 Round stainless steel

243 €

T09-010-40-0070

- stainless steel
- transparent single glazing
- safety glass
- frame dimension ø 330 mm
- glazing dimensions ø 260 mm



217 Round

94 €

T09-010-40-0010

- black smooth frame
- transparent double glazing, PMMA
- frame dimension ø 330 mm
- glazing dimensions ø 260 mm



218 Rectangular stainless steel

216 €

T09-010-40-0071

- stainless steel
- transparent double glazing, PMMA
- frame dimensions 230 x 230 mm
- glazing dimensions 150 x 150 mm



219 Rectangular stainless steel

316 €

T09-010-40-0069

- stainless steel
- transparent double glazing, PMMA
- frame dimensions 310 x 310 mm
- glazing dimensions 230 x 230 mm



LOCKS, HANDLES AND CYLINDER OPTIONS

KL01 Handle/handle standard configuration

0 €



OUTSIDE:

- handle, shield

INSIDE:

- handle, shield

INNER ELEMENTS:

- mortise lock
- key cylinder + 3 pc key

KL02 Knob/handle

51 €



OUTSIDE:

- knob, shield

INSIDE:

- handle, shield

INNER ELEMENTS:

- mortise lock
- key cylinder + 3 pc key

Door can be opened only with key from outside (with handle from inside if not locked).

KL03 Handle/handle + key cylinder with button

67 €



OUTSIDE:

- handle, shield

INSIDE:

- handle, shield, button

INNER ELEMENTS:

- mortise lock
- key cylinder + 3 pc key

Door can be locked with button from inside (with key from outside).

KL04 Knob/handle + key cylinder with button

78 €



OUTSIDE:

- knob, shield

INSIDE:

- handle, shield, button

INNER ELEMENTS:

- mortise lock
- key cylinder + 3 pc key

Door can be opened only with key from outside (with handle from inside if not locked). Door can be locked with button from inside (with key from outside).

KL05 Panic lock handle/handle

165 €



OUTSIDE:

- handle, shield

INSIDE:

- handle, shield

INNER ELEMENTS:

- panic lock - function D
- key cylinder with free cam + 3 pc key

Door can be opened with handle from inside anytime - even if lock is locked (with handle from outside if not locked).

KL06 Panic lock knob/handle

192 €



OUTSIDE:

- knob, shield

INSIDE:

- handle, shield

INNER ELEMENTS:

- panic lock - function E
- key cylinder with free cam + 3 pc key

Door can be opened with handle from inside anytime - even if lock is locked.

LOCKS, HANDLES AND CYLINDER OPTIONS

KL13 Panic lock device handle/exit bar

250 €

OUTSIDE:

- handle, shield

INSIDE:

- exit bar (single-point-construction)

INNER ELEMENTS:

- panic lock - function D
- key cylinder with free cam + 3 pc key

Door can be opened with exit bar from inside anytime - even if lock is locked (with handle from outside if not locked).

Low Lift: Clear opening if the door is open is H - 40 mm.



KL14 Panic lock device knob/exit bar

300 €

OUTSIDE:

- knob, shield

INSIDE:

- exit bar (single-point-construction)

INNER ELEMENTS:

- panic lock - function E
- key cylinder with free cam + 3 pc key

Door can be opened with exit bar from inside anytime - even if lock is locked (with key from outside if not locked).

Low Lift: Clear opening if the door is open is H - 40 mm



Electric Lock Befo 2421

300 €

T09-040-65-0107

- suitable for Passdoor
- inc. Installation + wiring
- voltage 24V DC/AC



KL17 Panic lock handle/handle

563 €

OUTSIDE:

- handle, shield

INSIDE:

- handle, shield

INNER ELEMENTS:

- panic lock - function B
- key cylinder with free cam + 3 pc key

When the key is turned from the outside, the deadbolt is pulled and the cylinder is unlocked and then the arrow is pulled and the lock is switched to the permanently open state. The door can then only be opened from the outside with the handle until the key is relocked.



KL18 Panic lock device handle/exit bar

710 €

OUTSIDE:

- handle, shield

INSIDE:

- exit bar (single-point-construction)

INNER ELEMENTS:

- panic lock - function B
- key cylinder with free cam + 3 pc key

When the key is turned from the outside, the deadbolt is pulled and the cylinder is unlocked and then the arrow is pulled and the lock is switched to the permanently open state. The door can then only be opened from the outside with the handle until the key is relocked.



SLIDE BOLTS AND CYLINDER LOCKS

490 Slide bolt

9 €

T09-040-65-0095

- galvanized, with black plastic knob
- long stroke
- for aesthetic reasons not for FVE
- placing: left, right, left + right



491 Slide bolt

9 €

T09-040-65-0025

- galvanized
- for aesthetic reasons not for FVE
- placing: left, right, left + right

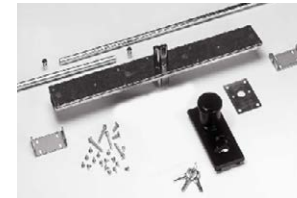


492B Cylinder lock

184 €

T09-040-65-0079

- black-plated
- double-sided up to W = 2500 mm; if W > 2500 mm extra long rods must be used (up to W = 5000 mm) or the lock is to be placed either left or right
- cannot be built into FVE
- only for SL
- placing: left, right, middle



492B Pendulum rod (pair)

20 €

T09-040-65-0083

- extra long lock rod for 492 B
- can be used on wider doors or for excentric positioning of the lock
- galvanized steel
- weight 0,5 kg/pc, L = 2450 mm/pc

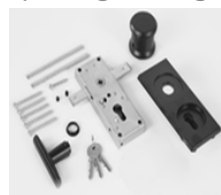


493B Cylinder lock

171 €

T09-040-65-0081

- black-plated
- double-sided up to door width 2500 mm
- if door width > 2500 mm the lock can be placed only left or right
- cannot be built into FVE
- only for SL
- placing: left, right, middle



SLIDE BOLTS AND CYLINDER LOCKS

497B Cylinder lock

40 mm - 150 €
T09-040-65-0028

80 mm - 154 €
T09-040-65-0035

- black outside and inside
- flush-mounted knob outside
- placing: left, right, left + right
- for 40 and 80 mm panel



498 Cylinder lock

137 €
T09-040-65-0023

- black
- prolonged run
- placing: left, right, left + right
- not for LL-DT



495 Cylinder lock

118 €
T09-005-0062

- black-plated
- cannot be built into FVE sections
- only for SL, LL-DT, LL-I
- placing: left, right, left + right



460 Handgrip double-sided

12 €

T09-040-65-0009

- black, plastic
- Handgrip is to be inserted into hole that is cut in the panel section
- not for FVE
- placing: left, right, middle, left + right

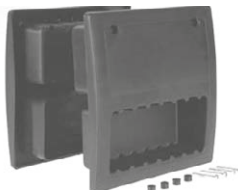


463 Handgrip double-sided

20 €

T09-040-65-0106

- square, black, plastic
- built into panel
- Handgrip is to be inserted into hole that is cut in the panel section
- not for FVE
- placing: left, right, middle, left + right



466 Handgrip single - sided

3 €

T09-040-65-0088

- rounded, black, plastic
- To be installed on panel section
- 1st piece in basic price
- placing: left, right, middle



BOTTOM BRACKETS AND CABLE BREAK DEVICES

540 Bottom bracket

0 € (pair)
T09-040-20-0001

- aluminium, adjustable
- with open eye
- for 2" rails
- 11 mm roller shaft



622 Cable break device

63 € (pair)
T09-040-35-0005

- galvanized, adjustable
- with open eye
- for 2" rails
- 11 mm roller shaft
- max. door weight 750 kg



625 Cable break device

280 € (pair)
T09-040-35-0006

- galvanized, non-adjustable
- for 3" rails
- 11 mm roller shaft
- max. door weight 750 kg



626 Cable break security device with cover

56 € (pair)
T09-040-35-0031

- Cannot be used for doors with low headroom track (LL-DT, LL-I) and for doors where the cables are led outside (HL-L, VL-L with shaft 1000 mm above the lintel) and for doors with stainless steel rails.
- max. door weight 450 kg



Burglar proof

57 € (pair)
T09-040-35-0030

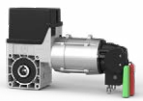
- For the cable-break device 622, 623

10 € (pair)
T09-040-35-0032

- For the cable-break device 626

The burglar proof is functional only for electrically operated door controlled with shaft drive



											
Product Code	T09-050-11-0009	T09-050-11-0010	T09-050-11-0011	T09-050-11-0012	T09-050-11-0013	T09-050-11-0015	T09-050-11-0016	T09-050-11-0032	T09-050-11-0019	T09-050-11-0020	T09-050-11-0034
Type	SE 5.24-25,4SK DES; IP65	SE 9.24-25,4SK DES; IP65	SE 9.20-25,4SK DES; IP65	SE 14.15-25,4SK DES; IP65	SE 14.15-31,75SK DES; IP65	SE 9.24-25,4ER DES; IP65	SE 5.24-25,4WS SK DES; IP65	SE 8.60-25,4 FU SK DES; IP65	SE 9.24-25,4WS SK DES; IP65	SE 14.100-25,4 FI SK DES; IP65	SE 14.100-31,75 FI SK DES; IP65
Output Torque	50 Nm	90 Nm	90 Nm	140 Nm	140 Nm	90 Nm	50 Nm	80 Nm	90 Nm	140 Nm	140 Nm
Turns per Minute	24 min-1	24 min-1	20 min-1	15 min-1	15 min-1	24 min-1	24 min-1	60 min-1	24 min-1	100 min-1	100 min-1
Supply Voltage	3~400 V	3~400 V	3~400 V	3~400 V	3~400 V	3~400 V	1~230 V	3~400 V, 1~230 V	1~230 V	1~230 V / 3~400 V	1~230 V / 3~400 V
End Limit Switches	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital	digital
Emergency Operation	chain	chain	chain	chain	chain	de-clutching	chain	chain	chain	chain	chain
Chain Length	2 (4 m)	2 (4 m)	2 (4 m)	2 (4 m)	2 (4 m)	x	2 (4 m)	0,5 (1 m)	2 (4 m)	2 (4 m)	2 (4 m)
Shaft Diameter	1"	1"	1"	1"	1 1/4"	1"	1"	1"	1"	1"	1 1/4"
Door Leaf Maximum	≤ 15 m ²	≤ 25 m ²	≤ 30 m ²	up to the max. door area of the TOORS Indy	up to the max. door area of the TOORS Indy	≤ 25 m ²	≤ 15 m ²	≤ 20 m ²	≤ 25 m ²	up to the max. door area of the TOORS Indy	up to the max. door area of the TOORS Indy
Unit	pc	pc	pc	pc	pc	pc	pc	pc	pc	ks	ks
Max. number of cycles/hour*	6	10	10	8	8	10	6	18	10	20	20
Gross Price	554 €	646 €	754 €	863 €	994 €	814 €	634 €	1 218 €	761 €	2 391 €	2 471 €

* The parameter ED is replaced by max. number of cycles/hr. At a temperature of 40°C to 60°C the number of cycles needs to be reduced to 1/2.

CONTROL UNITS, CONNECTION CABLES GfA

								
Product Code	T09-050-15-0006	T09-050-15-0007	T09-050-15-0010	T09-050-15-0008	T09-050-15-0009	T09-050-15-0011	T09-050-15-0005	T09-050-15-0012
Type	TS 970	TS 970	TS 970	TS 971	TS 971	TS 971	TS 981	TS 981
Description	with CEE-5 pole power plug; 0,7 m; 3 N~400 V; IP54; 1 relays	with CEE-3 pole power plug; 0,7 m; 1 N~230 V; IP54; 1 relays	without CEE; 1 N~230 V/3 N~400 V; IP65; 1 relays	with CEE-5 pole power plug; 0,7 m; 3 N~400 V; IP54; 2 relays; built in receiver 433MHz	with CEE-3 pole power plug; 0,7 m; 1 N~230 V; IP54; 2 relays; built in receiver 433MHz	without CEE; 1 N~230 V/3 N~400 V; IP65; 2 relays; built in receiver 433MHz	with CEE-5 pole power plug; 0,7 m; 3 N~400 V; IP54; 2 relays; controls for traffic lights	without CEE 3 N~400 V; IP65; 2 relays; controls for traffic lights
Unit	pc	pc	pc	pc	pc	pc	pc	pc
Gross Price	370 €	370 €	370 €	491 €	491 €	491 €	916 €	916 €

								
Product Code	T09-050-20-0108	T09-050-20-0109	T09-050-20-0111	T09-050-20-0112	T09-050-20-0113	T09-050-20-0114	T09-050-80-0035	T09-050-80-0036
Type	Connection cable 3 m	Connection cable 5 m	Connection cable 9 m	Connection cable 11 m	Connection cable 13 m	Connection cable 15 m	Control box with connection set 3 N~400	Control box with connection set 1 N~230 V
Description	plugs for electronic limit switches; 3 m	plugs for electronic limit switches; 5 m	plugs for electronic limit switches; 9 m	plugs for electronic limit switches; 11 m	plugs for electronic limit switches; 13 m	plugs for electronic limit switches; 15 m	assembling kit; complete; not for TS 981	assembling kit; complete; not for TS 981
Unit	pc	pc	pc	pc	pc	pc	pc	pc
Gross Price	53 €	53 €	70 €	78 €	107 €	107 €	146 €	146 €

SAFETY ELEMENTS, ACCESSORIES GfA

								
Product Code	T09-050-80-0026	T09-050-80-0025	T09-050-80-0037	T09-005-0258	T09-040-35-0007	T09-040-35-0043	T09-040-35-0011	T09-040-35-0042
Type	Key switch	Emergency stop	Toggle switch for intermediate stop setting	Cable break switch	Cable break switch	Cable break switch	Cable break switch	Cable break switch
Description	assembling kit; in small cover	assembling kit; in small cover	assembling kit; in small cover	microswitch for 626; cable length 10,5 m	for 622, 623; cable length 0,5 m	for 622, 623; cable length 6,5 m	cylindrical switch (for AI bottom bracket) cable length 0,5 m	cylindrical switch (for AI bottom bracket) cable length 6,5 m
Unit	pc	pc	pc	pair	pc	pc	pc	pc
Gross Price	50 €	63 €	74 €	67 €	23 €	31 €	23 €	31 €

								
Product Code	T09-040-35-0037	T09-050-30-0003	T09-050-20-0115	T09-050-80-0038	T09-050-80-0039	T09-005-0077	T09-005-0078	T09-005-0079
Type	Cable break switch	Spiral cable 1000 / 350 - 900	Connection box	Connection box	Connection box	OSE - Set	OSE - Set	OSE - Set
Description	for 3" cable break device; cable length 10,5 m	4-core cable with connection box and plugs for doors H<=4500	with spiral cable (on the opposite side)	with wireless signal transmission; for TS 971	for the system with two boxes with wireless transmission to control board	receiver 0,5 m + transmitter 0,5 m; plugable in box with spiral cable	receiver 0,5 m + transmitter 6,5 m; plugable in box with spiral cable	receiver 0,5 m + transmitter 10,5 m; plugable in box with spiral cable
Unit	pair	pc	pc	pc	pc	pc	pc	pc
Gross Price	43 €	95 €	26 €	94 €	33 €	55 €	55 €	55 €

SAFETY ELEMENTS, ACCESSORIES GfA

								
Product Code	T09-005-0080	T09-005-0081	T09-005-0082	T09-050-60-0118	T09-050-60-0119	T09-050-20-0116	T09-050-20-0117	T09-050-20-0118
Type	OSE - Set	OSE - Set	OSE - Set	External reflex photocell	Safety light curtain	Connection cable	Connection cable	Connection cable
Description	receiver 0,5 m + transmitter 0,5 m; plugable in box with wireless transmission (WSD)	receiver 0,5 m + transmitter 6,5 m; plugable in box with wireless transmission (WSD)	receiver 0,5 m + transmitter 10,5 m; plugable in box with wireless transmission (WSD)	Operating range up to 12 m; case; 15 V-36 V AC/DC; IP65	light beam range 1-12 m; height of protected space up to 2500 mm; electronics in epoxy resin; IP67	between the connection boxes; length 4,5 m	between the connection boxes; length 6,5 m	between the connection boxes; length 8,5 m
Unit	pc	pc	pc	pc	pc	pc	pc	pc
Gross Price	110 €	113 €	117 €	143 €	458 €	20 €	20 €	20 €

						
Product Code	T09-050-13-0066	T09-050-13-0067	T09-050-80-0051	T09-050-80-0023	T09-050-80-0024	T09-050-40-0018
Type	Remote control	Remote control receiver	External tripple button switch box	Rope prolongation at emergency release	Rope prolongation at emergency release	Pneumatic edge
Description	4 channel, 433 MHz	3 channel, 433 MHz	lockable; cable lenght 6 m	2 x 4 m	2 x 10 m	with spiralcable and connection box
Unit	pc	pc	pc	pc	pc	pc
Gross Price	32 €	61 €	96 €	11 €	13 €	175 €

SAFETY ELEMENTS, ACCESSORIES GfA

								
Product Code	T09-050-80-0018	T09-050-80-0019	T09-050-80-0020	T09-050-80-0021	T09-050-80-0022	T09-005-0031	T09-050-80-0199	T09-050-80-0200
Type	Kit for chain extension	Kit for chain extension	Kit for chain extension	Kit for chain extension	Kit for chain extension	Switch for slide bolt	Chain transmission kit	Chain transmission kit
Description	ext. by 1 m; length of chain 2 m	ext. by 2 m; length of chain 4 m	ext. by 3 m; length of chain 6 m	ext. by 4 m; length of chain 8 m	ext. by 5 m; length of chain 10 m	Al console; plastic bushings; max. switching frequency 3600 cycles/h; operating temp. -25° ... 70°C; IP65	motor located outside shaft; shaft 1"	motor located outside shaft; shaft 1 1/4"
Unit	pc	pc	pc	pc	pc	pc	pc	pc
Gross Price	11 €	19 €	28 €	37 €	41 €	36 €	395 €	436 €

								
Product Code	T39-054-40-0021	T39-054-70-0070	T39-054-70-0071	T39-054-70-0077	T09-005-0015	T09-050-80-0196	T39-054-70-0081	T39-054-70-0085
Type	Pull cord contact	Pull switch chain	Pull switch holder	Pull switch swivel ring	Pull switch console	Control unit protection shield	Induction detector	Induction loop detector
Description	in durable light-weight alloy case; 1x link, 1x unlink contact; IP67	red and white; plastic; 3 m	fixing holes predrilled	—	on wall; rotating; galvanized iron; 3 m	stainless metal sheet; only for TS 981	single-channel	double-channel; for ind. loop located on both door sides (in – out)
Unit	pc	m	pc	pc	pc	pc	pc	pc
Gross Price	81 €	4 €	11 €	5 €	368 €	62 €	656 €	1 000 €

SAFETY ELEMENTS, ACCESSORIES GfA

								
Product Code	T39-054-70-0082	T39-054-70-0083	T09-050-80-0197	T09-050-80-0198	T09-050-80-0202	T09-050-40-0009	T09-050-40-0010	T09-050-40-0011
Type	Induction loop 6 m + cable 10 m	Induction loop 10 m + cable 10 m	UPS battery back-up	UPS battery back-up	UPS battery back-up	Traffic light	Traffic light	Traffic light
Description	—	—	for SE 5.24-25,4WS SK DES	for SE 9.24-25,4WS SK DES	For SE 14.80-25,4FI SK DES	red LED light; case; 230 V, 40 W; IP65	green LED light; case; 230 V, 40 W; IP65	red +green LED light; case; 230 V, 40 W; IP65
Unit	pc	pc	pc	pc	pc	pc	pc	pc
Gross Price	63 €	71 €	2 089 €	2 206 €	3 525 €	176 €	176 €	306 €

				
Product Code	T39-054-70-0079	T39-054-70-0078	T39-054-40-0022	T39-054-40-0022
Type	Microwave radar	Remote control	LED Beacon	Spiral cable 2500/350-900
Description	Radar motion detector; detection of objects	For microwave radar	with interrupter; 12-24V; 230 V; integrated aerial; IP54	4-core cable with connection box and plugs for doors H>=4501
Unit	pc	pc	pc	pc
Gross Price	239 €	326 €	48 €	107 €

DRIVES AND ACCESSORIES CUBE

						
Product Code	T09-050-13-0031	T09-050-13-0032	T09-050-13-0021	T09-050-13-0016	T09-050-13-0017	T09-050-13-0018
Type	CUBE 50	CUBE 70	Control unit	Connection cable	Connection cable	Connection cable
Description	Motor head incl. emergency chain (5m). Max. doorleaf area 12m ² 400V (230V), IP54	Motor head incl. emergency chain (5m). Max. doorleaf area 20m ² 400V (230V), IP54	Electronic end switch, DES	Between motor and control unit, 6m	Between motor and control unit, 8m	Between motor and control unit, 10m
Unit	Pc	Pc	Pc	Pc	Pc	Pc
Gross Price	391 €	462 €	237 €	30 €	37 €	48 €

							
Product Code	T09-050-13-0006	T09-050-13-0007	T09-050-13-0008	T09-050-13-0009	T09-050-13-0029	T09-050-13-0020	T09-005-0070
Type	Power cable extension	Power cable extension	Power cable extension	Power cable extension	Plug	Plug 230V	Back up power supply (UPS)
Description	3,5m	5m	6m	8m	Plug CEE 3~400V + Plug Uni-Schuko 1~230V Including cable 150mm	Including cable 1500mm	24V backup battery with cable (1m) for connection to the operator
Unit	Pc	Pc	Pc	Pc	Pc	Pc	Pc
Gross Price	32 €	41 €	49 €	59 €	0 €	41 €	175 €

ACCESSORIES CUBE

								
Product Code	T09-050-13-0027	T09-050-13-0026	T09-050-13-0056	T09-050-80-0045	T09-050-13-0019	T09-050-13-0010	T09-050-13-0014	T09-050-13-0014
Type	Spiral cable	Connection box	Connection box	Three-button switch	Chain	Chain link	Emergency stop	External emergency stop
Description	4 wire including bracket and grommet	With hole for spiral cable	Without hole for spiral cable	-	For chain extension	-	Buildable into the control box	Inkl. 3,5m cable
Unit	Pc	Pc	Pc	Pc	m	Pc	Pc	Pc
Gross Price	55 €	20 €	23 €	39 €	4 €	3 €	45 €	45 €

						
Product Code	T09-050-14-0007	T09-050-13-0025	T09-050-60-0118	T09-050-60-0119	T09-050-13-0004	T09-050-14-0003
Type	Warning light	OSE - Set	External reflex photocell	Light curtain	Remote control	Remote control receiver
Description	12-24V AV/DC	Reciever 1m Transmitter 6m	Operating range up to 12 m; case; 10 V-40 V AC/DC; IP65	Light beam range 1-12 m; height of protected space up to 2500 mm; electronics in epoxy resin; IP67	Four channel, 868 MHz	Three channel, 868 MHz
Unit	Pc	Pc	Pc	Pc	Pc	Pc
Gross Price	41 €	40 €	143 €	458 €	32 €	32 €