

Curved Sliding Doors, Telescopic Sliding Doors & Break-out Sliding Doors Product Overview

Technical Detail	TL 240	TL240ES	BO240	CR240
Opening width - single panel	-	-	800 - 1200 mm	800 - 2000 mm
Opening width - double panel	900 - 3000 mm	900 - 3000 mm	1000 - 2200 mm	1000 - 3000 mm
Opening width - four leaves	1800 - 4000 mm	1800 - 4000 mm	-	-
Opening width - Break-out position	-	-	2500 - 4500 mm	-
Max leaf weight, single	-	-	1 x 200 Kg	1 x 200 Kg
Max leaf weight, double	2 x 150 Kg	2 x 150 Kg	2 x 150 kg	2 x 150 Kg
Max leaf weight, four	4 x 100 Kg	4 x 100 Kg	-	-
Operator height	155 mm	155 mm	155 mm	210 mm
Operator depth	226 mm	226 mm	160 mm	270 mm
Opening speed	Variable up to 1.1m/s (Four Leaves)	Variable up to 1.1m/s (Four Leaves)	Variable up to 1.1m/s (Double leaves)	-
Closing speed	Variable up to 1.1m/s (Four Leaves)	Variable up to 1.1m/s (Four Leaves)	Variable up to 1.1m/s (Double leaves)	-
Hold-open time	0 - 30 s	0 - 30 s	0 - 30 s	0 - 30 s
Ambient temperature	-15 to + 50°C	-15 to + 50°C	-15 to + 50°C	-15 to + 50°C
Protection class	IP20	IP20	IP 20	IP 20
100% German-made operator kit	✓	✓	✓	✓
Track profile	anti-crash stainless steel/aluminium	anti-crash stainless steel	anti-crash stainless steel	-
Anti-noise rubber profile	✓	✓	✓	-
External protected power supply	✓	✓	✓	✓
Power supply unit	230V/33V,50VA (Peak120VA)	230V/33V,50VA (Peak120VA)	230V/33V,50VA (Peak120VA)	230V/33V,50VA (Peak120VA)
Gear motor power	100 W	100 W	100 W	100 W
Number of motors	1	2	1	1
Number of control units	1	2	1	1

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Number of hangers per leaf	2	2	2	1 with 6 rollers
Second motor for emergency opening	-	✓	-	-
Dual gear motor and control unit set for master and slave concept	-	✓	-	-
Max power consumption	250 W	250 W	250 W	250 W
Backup battery for emergency opening	-	✓	-	-
Max operation cycles with 2.2 Ah battery (Optional)	≈400	-	≈400	≈400
Max operation cycles with 7.2 Ah battery (Optional)	≈1000	-	≈1000	≈1000
Possibility to adjust force limitation according to DIN18650 and EN16005	✓	✓	✓	✓
Possibility to use safety sensors with testing signal	✓	✓	✓	✓
Emergency exit routes in both directions	-	✓	-	-
Mechanical key switch (Optional)	✓	✓	✓	✓
24V DC output for external accessories	✓	✓	✓	✓
Power Lock	✓	✓	✓	✓
Possibility of using electromechanical lock (Optional)	✓	✓	✓	✓
Lock monitoring	✓	✓	✓	✓
Possibility of using digital programme switch (Optional)	✓	✓	✓	✓
Read-out error memory with error codes (with digital programme switch)	✓	✓	✓	✓
Programmable output (Optional)	✓	✓	✓	✓
Programmable input (Optional)	✓	✓	✓	✓
Max Glass Thickness (mm)	TBS,UTS = 22mm THB=32mm Saturn=10 mm	TBS,UTS = 22mm THB=32mm	32 mm	22 mm

Standards	TL 240	TL240ES	BO240	CR240
Compliant with German standard DIN 18650	✓	✓	✓	✓
Compliant with EU standard EN 16005	✓	✓	✓	✓
Compliant with EU standard EN 60335	✓	✓	✓	✓
Compliant with EU standard EN ISO 13849-1	✓	✓	✓	✓
Compliant with EU low-voltage directives	✓	✓	✓	✓
Compliant with EU EMC directives	✓	✓	✓	✓
Manufactured according to ISO 9001	✓	✓	✓	✓
TÜV approved	✓	✓	-	-
CE conformity	✓	✓	✓	✓
Tested for 1.000.000 cycles	✓	✓	✓	-

Frame Types

THB	✓	✓	- *	-
TBS	✓	✓	-	✓
UTS	✓	✓	-	✓
Saturn	✓	-	-	-

*Special break- out frame