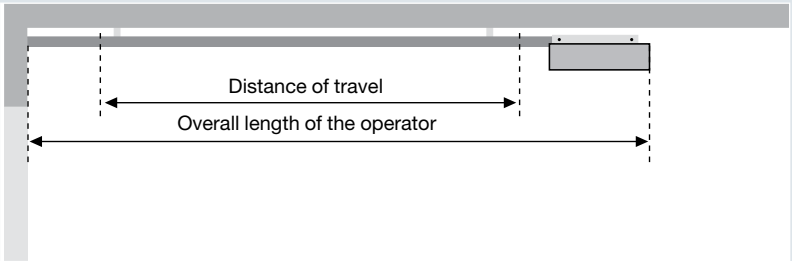
SupraMatic and ProMatic garage door operators

Technical Data, Installation Details

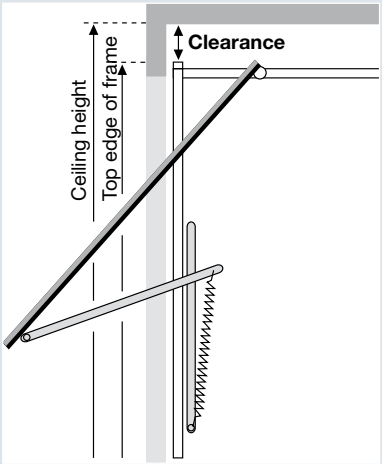
Technical data	SupraMatic E	SupraMatic P	ProMatic	ProMatic P	ProMatic Akku
Peak force	800 N	1000 N	650 N	750 N	400 N
max. door speed OPEN	22 cm/s	22 cm/s	14 cm/s	14 cm/s	13 cm/s
max. door speed CLOSE	13 cm/s	13 cm/s	13 cm/s	13 cm/s	13 cm/s
Door cycles (open/close) per day	max. 25	max. 50	max. 12	max. 20	max. 4
Operator programming	3 buttons and 7-segment displays on the outside of the operator housing		DIP switch on the operator circuit board		DIP switch on the operator circuit board
Operator lighting	2-minute light can be individually set from 1-5 minutes or switched off altogether		2 minutes light		30 seconds light
Automatic cut-out	Automatically learned separately for both directions and re-adjusting during every door cycle.				
End-of-travel cut-off	Self-learning, wear-free because there are no mechanical switches, additionally with integrated excess travel stop				
Belt relief	automatic/adjustable		automatic		
Force limit	automatic/adjustable		automatic		
“Soft” start/”Soft” stop	automatic/adjustable		adjustable		
Automatic timer	activated with adjustable hold-open phase		activated with 30 seconds hold-open phase		–
Closing edge safety device	can be connected, with automatic detection adjustable with or without self-monitoring		–		–
Photocell	can be connected, with automatic detection can be set to work with or without self-testing	Standard	Connectible with automatic recognition		–
Leading photocell VL 2 for garage doors incorporating a wicket door with trip-free threshold	–	can be connected	–	–	–
Warning light	can be connected via an external options relay		Connectible via an external options relay		
Additional lighting	can be connected via an external options relay can be switched separately with operator lighting		Connectible via an external options relay (coupled with door functions)		
CLOSE end-of-travel signalling	can be connected via an external options relay		Connectible via an external options relay		–
Factory reset	yes				
Remote control	With a 4-button hand transmitter HSM4 and HSE2 (868.3 MHZ) Integral receiver. Fail-safe radio system with security coding from more than 1 billion options. On the press of a button, easy transfer of the hand transmitter code via a “teaching” function.				
Motor	DC motor with Hall sensor Worm gear and transformer with thermal overload protection Operating mode: S2. Short-term duty: KB 2 min.				
Mains connection	230 / 240 V/AC, 50 / 60 Hz, with CEE plug Stand-by approx. 4.5 W				24 V
Fitting	Universal fitting for up-and-over and sectional doors.				
Boom	Extremely flat (only 30 mm high), with integral door security kit and maintenance-free, patented toothed belt. Transport lengths (mm): 1-piece: 3075 (K), 3325 (M), 4000 (L), 2-piece: 1570 (K), 1690 (M), 2020 (L)				
Dimensions (W x H x D)	Drive unit: 180 x 110 x 325 mm Cardboard packaging: 195 x 145 x 600 mm		Drive unit: 155 x 120 x 335 mm Cardboard packaging: 195 x 145 x 600 mm		
Shipping weight	Drive unit: 6.4 kg Booms: 6.8 (K), 7.4 (M), 8.8 (L)				
Protection category	For dry rooms only				
Use/application	For domestic garages only				



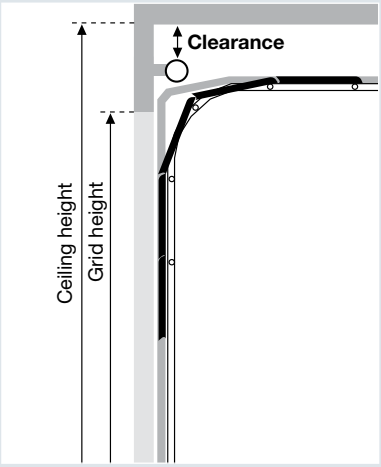
Boom type	Overall length	Distance of travel
K Short boom	3200 mm	2475 mm
M Medium boom	3450 mm	2725 mm
L Long boom	4125 mm	3400 mm

Application range of booms for Hörmann garage doors		
K	“Berry” up-and-over doors (N80 und DF98) Sectional garage doors with N tracks Sectional garage doors with Z, L and H tracks	up to 2500 mm high, up to 2250 mm high, up to 2125 mm high,
M	Berry” up-and-over doors (N80 und DF98) Sectional garage doors with N tracks Sectional garage doors with Z, L and H tracks	up to 2750 mm high, up to 2500 mm high, up to 2375 mm high,
L	Sectional garage doors with N, Z, L and H tracks	up to 3000 mm high

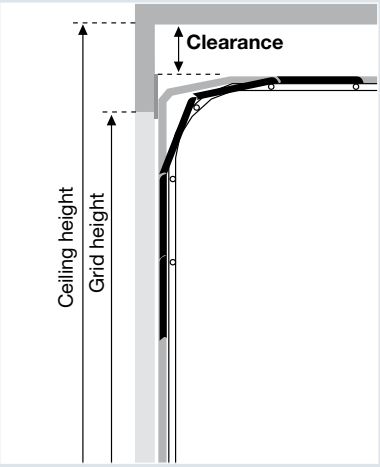
For other door makes note distance of travel!



Clearance for up-and-over doors	
N80	0 mm
N80, styles 905 and 941 or with timber infill	15 mm
DF98, DF95, DF80	65 mm



Clearance for sectional garage doors	
with N tracks Ceiling height = Grid height + 210 mm	0 mm
with H tracks	0 mm



Clearance for sectional garage doors	
with Z tracks Ceiling height = Grid height + 115 mm	15 mm
with L tracks Ceiling height = Grid height + 115 mm	15 mm

Clearance for other door makes	
between the door’s highest point of travel and the ceiling	30 mm

All dimensions are minimum dimensions.