

P&M[®] **TD960** Heavy Duty Floor Spring

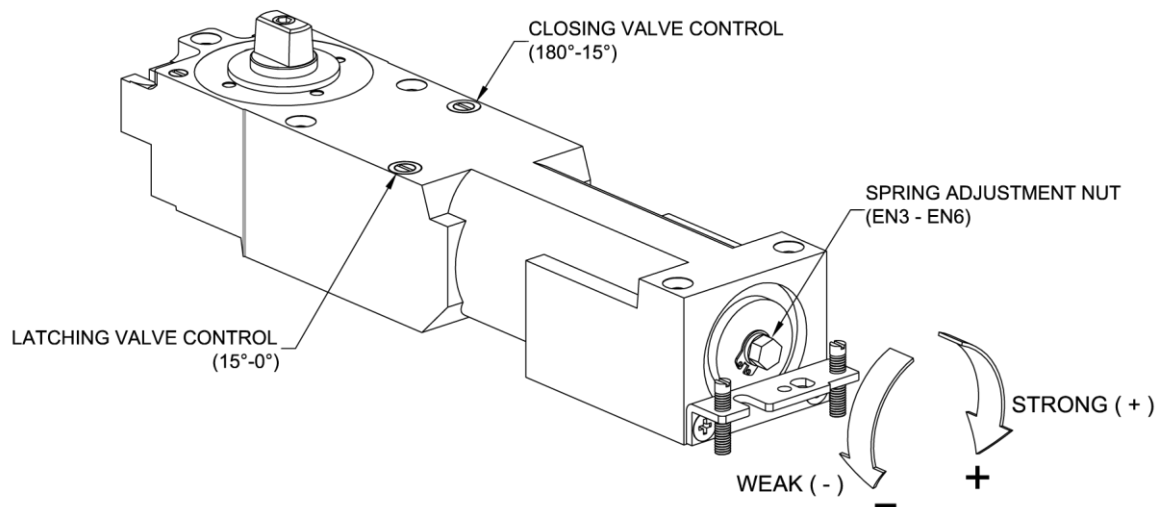
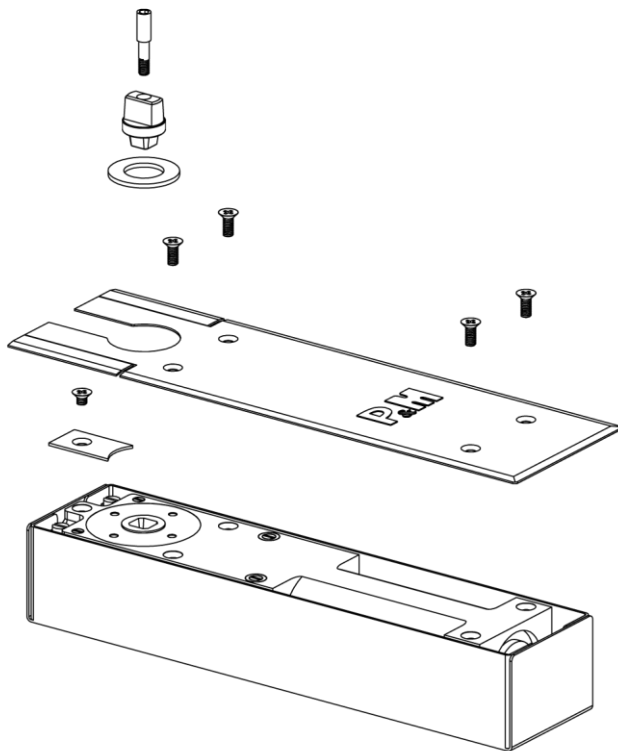
- *Double Action Floor Spring*
- *Interchangeable Spindle*
- *Adjustable Spring Power from EN3 to EN6*
- *Suitable for door weight up to 300kg*

Applications

- Heavy duty floor spring which is capable of holding door panel weight up to 300 kg.
- Suitable for single and double action doors.
- Interchangeable spindles for easy adaptation to site conditions
- TD960 Non-Hold is available for fire rated door application.
- Comprehensive range of accessories for aluminium, tempered glass and timber door.

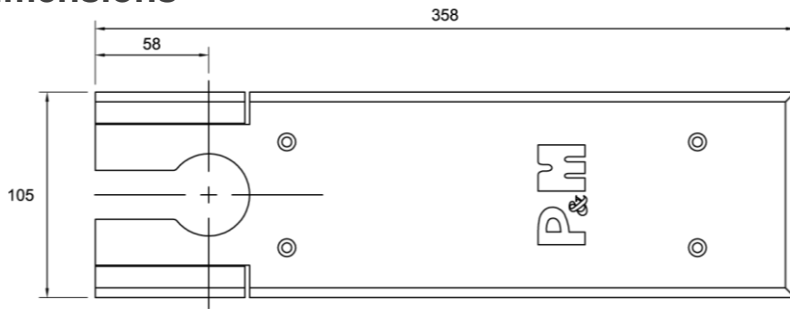
Closing Range and Functions

- 1st adjusting closing range (180°-15°).
- 2nd adjusting latching range (15°-0°).
- Hold open at 90°.
- Optional non-hold to realise full benefits of fully hydraulic closing speed control effective from 180° to 15°.
- Adjustable Spring Power: EN3 to EN6.
- Pressure relief valves to prevent damages due to force closing.
- Mechanical backcheck 70° - 75° to cushion against impact.

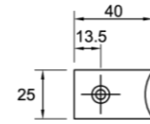


SPRING POWER	DOOR SIZE	SPRING FORCE
EN6	1400 mm	53 N
EN5	1250 mm	35 N
EN4	1100 mm	28 N
EN3	1000 mm	23 N

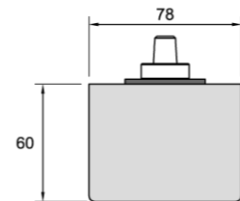
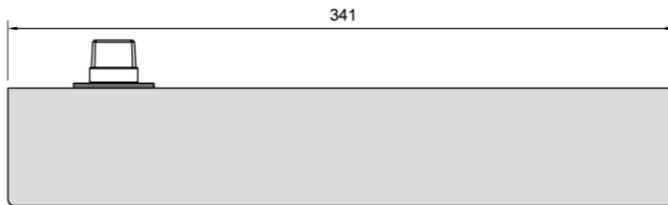
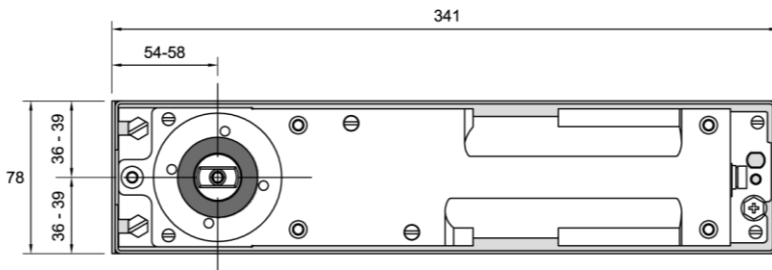
Dimensions



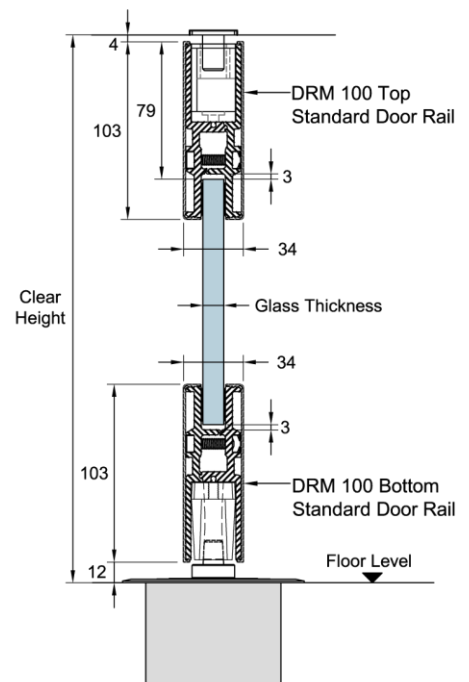
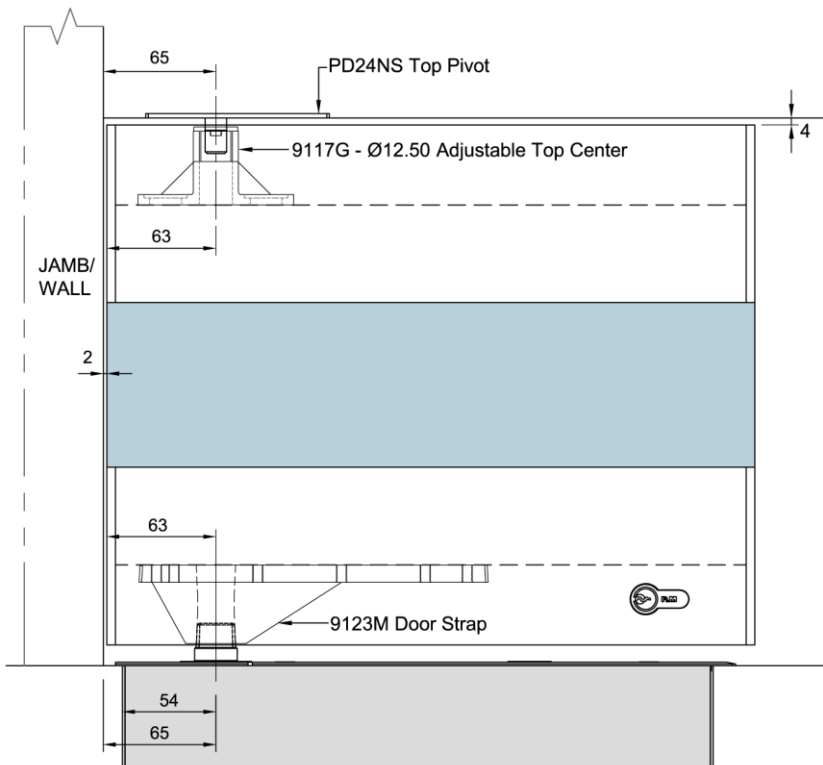
Stainless Steel Cover

















Stainless Steel End Cover



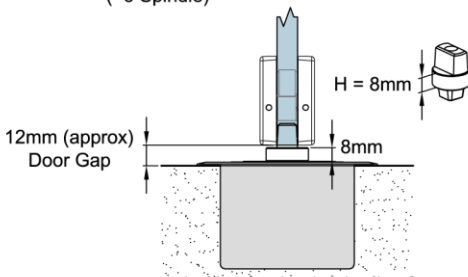
Glass Door Application



INTERCHANGEABLE SPINDLE

Extended Spindle Height in mm (H)	3	8	10.5	13	15.5	18	23	28	31	33	38	43	48	53
Extra Over Height in mm (Y)	0	5	7.5	10	12.5	15	20	25	28	30	35	40	45	50
														

* 8mm Extended Spindle Height (H)
(+5 Spindle)

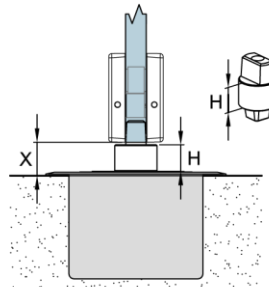


* Standard packing includes 8mm extended spindle height interchangeable spindle.

H = Extended Spindle Height

Y = Extra Over Height
Y = H - 3mm

X = Door Gap
X = Y + 7mm (approx)



Extended Spindle Height Illustration

Technical Data

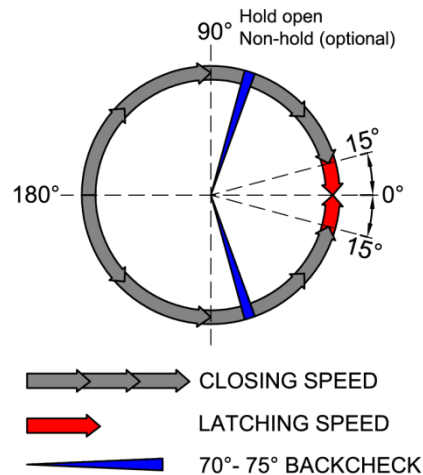
TD 960

Spring Power (EN)	3 to 6	
Spring Power Adjustment	•	
Interchangeable Spindle	•	
Built-in pressure relief valve	•	
Built-in mechanical backcheck 70° - 75°	•	
90° Hold open / Non-hold open	•	
Maximum weight (kg)	300	
Dimension in mm	Length	341
	Width	78
	Height	60
Product weight (kg) (approx.)	7.7	

• Yes

Door Control

Two independent adjustment valves provide fully hydraulic control from 180° - 15° of closing and hydraulic control 15°-0° of latching range.



Due to the company's policy of continuous product development and enhancement, the specifications and details contained in this brochure are subject to alteration without prior notice.

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