

INDUSTRIAL SHOCK ABSORBERS POWERSTOP

INSTALLATION SIZE M10X1

▶ PRODUCT SPECIFICATIONS



PowerStop®

- ▶ Angle of Impact max. 2 [°]
- ▶ Piston return time 0.15 [s]
- ▶ Permitted temperature range -10 ... +70 [°C]
- ▶ Max. High Energy pressure (abs.) 10 [bar]
- ▶ Max. Standard Energy pressure (abs.) 1 [bar]
- ▶ Max. locknut tightening torque 8 [Nm]
- ▶ PWIS-free Yes
- ▶ RoHS compliant Yes
- ▶ REACH compliant Yes

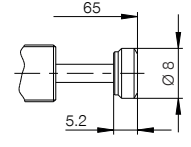
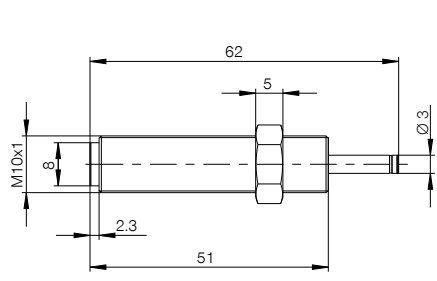
▶ TECHNICAL DATA

▶ Installation Size: M10X1

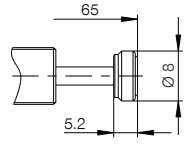
	Order No.	Max. energy absorption		Stroke [mm]	Impact speed		Return force		Weight [g]	
		Emergency stop operation			min.	max.	min.	max.		
		per stroke [Nm]	per hour [Nm/h]							per stroke [Nm]
HIGH ENERGY	M10X1W	4	9,000	4	8	1.8	4	4	10	25
	M10X1WS	4	9,000	4	8	1.8	4	4	10	26
	M10X1WK	4	9,000	4	8	1.8	4	4	10	26
	M10X1S	10	18,000	10	8	1.8	3.5	4	10	25
	M10X1SS	10	18,000	10	8	1.8	3.5	4	10	26
	M10X1SK	10	18,000	10	8	1.8	3.5	4	10	26
	M10X1M	12	20,000	12	8	0.8	2.2	4	10	25
	M10X1MS	12	20,000	12	8	0.8	2.2	4	10	26
	M10X1MK	12	20,000	12	8	0.8	2.2	4	10	26
	M10X1H	12	20,000	12	8	0.2	1.2	4	10	25
	M10X1HS	12	20,000	12	8	0.2	1.2	4	10	26
	M10X1HK	12	20,000	12	8	0.2	1.2	4	10	26

	Order no.	per stroke [Nm]	per hour [Nm/h]	per stroke [Nm]	Stroke [mm]	min. [m/s]	max. [m/s]	min. [N]	max. [N]	Weight [g]
STANDARD ENERGY	M10X1RS	3	8,000	3	8	1.8	3.5	3	8	29
	M10X1RSS	3	8,000	3	8	1.8	3.5	3	8	30
	M10X1RSK	3	8,000	3	8	1.8	3.5	3	8	30
	M10X1RM	3	8,000	3	8	0.8	2.2	3	8	29
	M10X1RMS	3	8,000	3	8	0.8	2.2	3	8	30
	M10X1RMK	3	8,000	3	8	0.8	2.2	3	8	30
	M10X1RH	3	8,000	3	8	0.2	1.2	3	8	29
	M10X1RHS	3	8,000	3	8	0.2	1.2	3	8	30
	M10X1RHK	3	8,000	3	8	0.2	1.2	3	8	30

► TECHNICAL DRAWINGS



S: assembled with steel head



K: assembled with plastic head

► ACCESSORIES

► Installation Size: M10X1

Pos.	Order no.	Accessories	Weight [g]	Remarks
①	MSM10X1	Steel locknut	3	
①	MVM10X1	Stainless steel locknut	3	
②	MAH10X1	Stop sleeve	17	Including 1x MVM10X1
③	MKF10X1	Clamping flange	24	Max. tightening torque of the screws 2.5 Nm
④	MRA10X1	Side load adapter / air barrier adapter	55	Max. angle of impact 30°, Additional return force: 15 to 18 N, Suitable MSM, MVM, MAH and MKF on request, Including cylinder screw in compressed air connection M5
⑤	MKM10X1	Cooling nut	9	Increase of the energy absorption per hour up to 1.5 times

