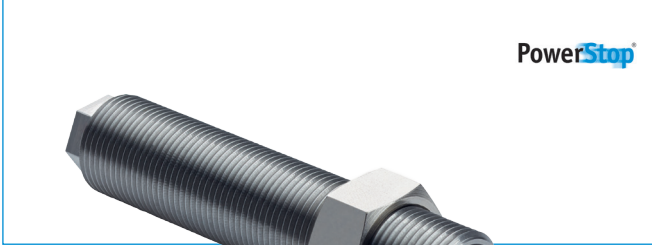


INDUSTRIAL SHOCK ABSORBERS POWERSTOP

INSTALLATION SIZE M12X1

▶ PRODUCT SPECIFICATIONS



PowerStop®

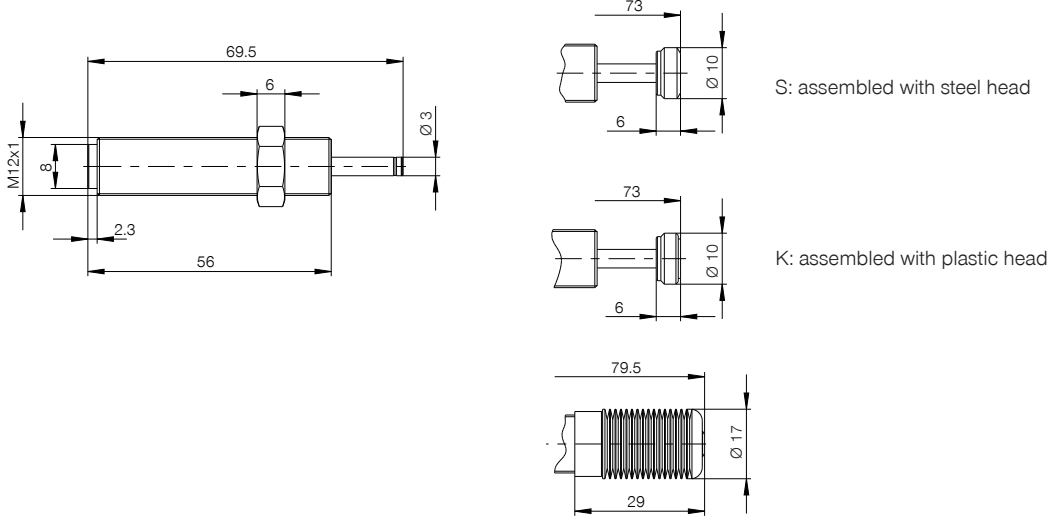
- ▶ **Angle of Impact max.** 2 [°]
- ▶ **Piston return time** 0.2 [s]
- ▶ **Permitted temperature range** -10 ... +70 [°C]
- ▶ **Max. High Energy pressure (abs.)** 10 [bar]
- ▶ **Max. Standard Energy pressure (abs.)** 1 [bar]
- ▶ **Max. locknut tightening torque** 10 [Nm]
- ▶ **PWIS-free** Yes
- ▶ **RoHS compliant** Yes
- ▶ **REACH compliant** Yes

▶ TECHNICAL DATA

▶ Installation Size: **M12X1**

	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	M12X1W	10	18,000	10	10	1.8	4	6	10	35
	M12X1WS	10	18,000	10	10	1.8	4	6	10	40
	M12X1WK	10	18,000	10	10	1.8	4	6	10	40
	M12X1WB	10	18,000	10	10	1.8	4	20	80	45
	M12X1S	16	30,000	22	10	1.8	3.5	6	10	35
	M12X1SS	16	30,000	22	10	1.8	3.5	6	10	40
	M12X1SK	16	30,000	22	10	1.8	3.5	6	10	40
	M12X1SB	16	30,000	22	10	1.8	3.5	20	80	45
	M12X1M	18	33,000	25	10	0.8	2.2	6	10	35
	M12X1MS	18	33,000	25	10	0.8	2.2	6	10	40
	M12X1MK	18	33,000	25	10	0.8	2.2	6	10	40
	M12X1MB	18	33,000	25	10	0.8	2.2	20	80	45
	M12X1H	18	33,000	27	10	0.2	1.2	6	10	35
	M12X1HS	18	33,000	27	10	0.2	1.2	6	10	40
M12X1HK	18	33,000	27	10	0.2	1.2	6	10	40	
M12X1HB	18	33,000	27	10	0.2	1.2	20	80	45	
STANDARD ENERGY	M12X1RS	9	20,000	9	10	1.8	3.5	3	7	40
	M12X1RSS	9	20,000	9	10	1.8	3.5	3	7	45
	M12X1RSK	9	20,000	9	10	1.8	3.5	3	7	45
	M12X1RM	9	20,000	9	10	0.8	2.2	3	7	40
	M12X1RMS	9	20,000	9	10	0.8	2.2	3	7	45
	M12X1RMK	9	20,000	9	10	0.8	2.2	3	7	45
	M12X1RH	9	20,000	9	10	0.2	1.2	3	7	40
	M12X1RHS	9	20,000	9	10	0.2	1.2	3	7	45
	M12X1RHK	9	20,000	9	10	0.2	1.2	3	7	45

► TECHNICAL DRAWINGS



► ACCESSORIES

► Installation Size: M12X1

Pos.	Order no.	Accessories	Weight [g]	Remarks
①	MSM12X1	Steel locknut	5	
①	MVM12X1	Stainless steel locknut	5	
②	MAH12X1	Stop sleeve	20	Including 1x MVM12X1
③	MKF12X1	Clamping flange	40	Max. tightening torque of the screws 5 Nm
④	MRA12X1	Side load adapter / air barrier adapter	70	Max. angle of impact 30°, Additional return force: 5 to 8 N, Suitable MSM, MVM, MAH and MKF on request, Including cylinder screw in compressed air connection M5
⑤	MKM12X1	Cooling nut	15	Increase of the energy absorption per hour up to 1.5 times

