

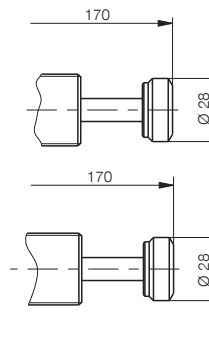
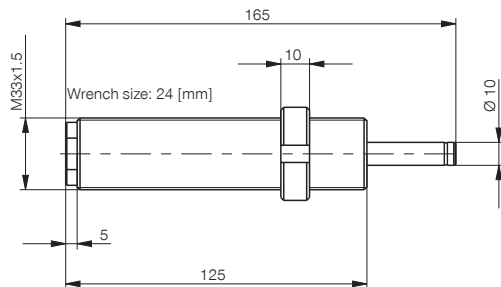
INDUSTRIAL SHOCK ABSORBER

SIZE M33X1.5



PowerStop®

- ▶ **Angle of Impact max.** 2 [°]
- ▶ **Weight with locknut** 610 [g]
- ▶ **Piston return time** 0.4 [s]
- ▶ **Min. return force** 30 [N]
- ▶ **Max. return force** 55 [N]
- ▶ **Permitted temperature range** -10 ... +70 [°C]



S: assembled with steel head

K: assembled with plastic head

▶ Technical data

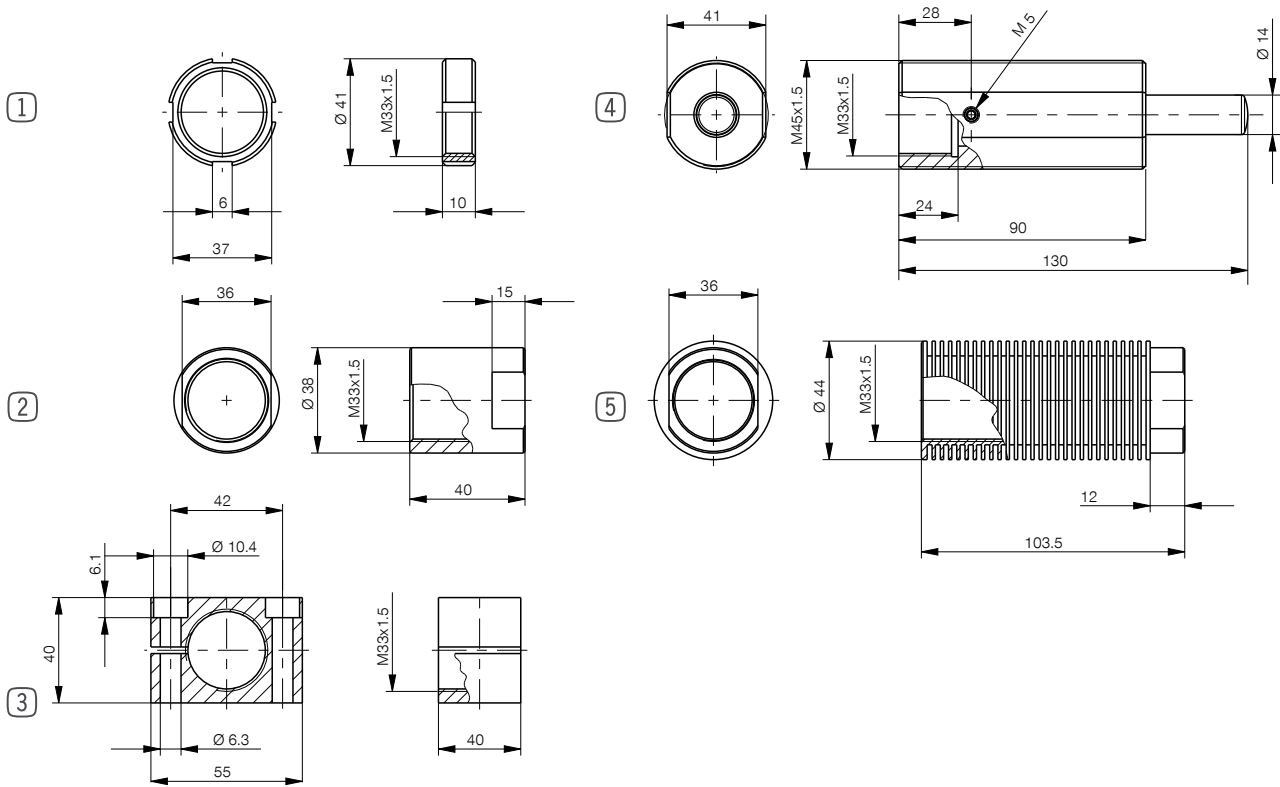
Order No.	Max. energy absorption			Stroke [mm]	Impact speed	
	Continuous operation		Emergency stop operation per stroke		min.	max.
	per stroke	per hour				
M33X1.5S	300 [Nm]	120,000 [Nm/h]	500 [Nm]	30	1.8 [m/s]	3.5
M33X1.5SS	300	120,000	500	30	1.8	3.5
M33X1.5SK	300	120,000	500	30	1.8	3.5
M33X1.5M	350	140,000	750	30	0.8	2.2
M33X1.5MS	350	140,000	750	30	0.8	2.2
M33X1.5MK	350	140,000	750	30	0.8	2.2
M33X1.5H	350	140,000	850	30	0.2	1.2
M33X1.5HS	350	140,000	850	30	0.2	1.2
M33X1.5HK	350	140,000	850	30	0.2	1.2

▶ Technical data

Order No.	Max. energy absorption			Stroke [mm]	Impact speed	
	Continuous operation		Emergency stop operation per stroke		min.	max.
	per stroke	per hour				
M33X1.5RS	180 [Nm]	100,000 [Nm/h]	- [Nm]	30	1.8 [m/s]	3.5
M33X1.5RSS	180	100,000	-	30	1.8	3.5
M33X1.5RSK	180	100,000	-	30	1.8	3.5
M33X1.5RM	180	100,000	-	30	0.8	2.2
M33X1.5RMS	180	100,000	-	30	0.8	2.2
M33X1.5RMK	180	100,000	-	30	0.8	2.2
M33X1.5RH	180	100,000	-	30	0.2	1.2
M33X1.5RHS	180	100,000	-	30	0.2	1.2
M33X1.5RHK	180	100,000	-	30	0.2	1.2

HIGH ENERGY

STANDARD ENERGY



► Size: **M33X1.5**

Pos.	Accessories	Weight	Order no.
①	Steel locknut	32 [g]	MSM33X1.5
①	Stainless steel locknut	32 [g]	MVM33X1.5
②	Stop sleeve*	150 [g]	MAH33X1.5
③	Clamping flange	450 [g]	MKF33X1.5
④	Side load adapter / air barrier adapter	900 [g]	MRA33X1.5
⑤	Cooling nut	140 [g]	MKM33X1.5

Maximum fastening torque of locknut: 80 [Nm]

*inclusive Stainless-Steel locknut MVM