

INDUSTRIAL SHOCK ABSORBERS POWERSTOP

THREAD M05X0.5

► SERIES

PowerStop®

MINI ENERGY



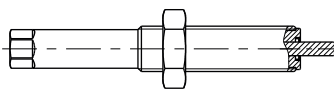
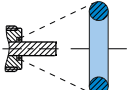
The slender

► Material	Stainless steel	► Organic oil (biodegradable)	HEES
► Permitted temperature range	-10 ... +70 [°C]	► H1-certified	Yes
► Angle of Impact max.	2 [°]	► Certifications	LABS / REACH / RoHS
► Max. force at fixed stop	0.2 [kN]		
► Lock nut tightening torque		► Max. absolute pressure	
- Mini Energy	1 [Nm]	- Mini Energy	10 [bar]

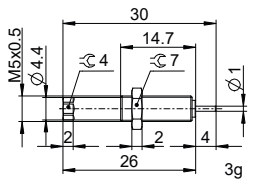
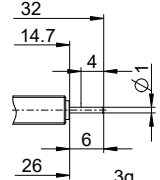
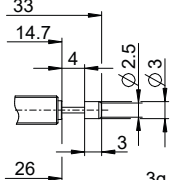
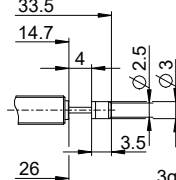
► TECHNICAL DATA

	Design	Series	Thread	Stroke variant	Stroke	Hardness degree	Impact velocity		Energy absorption max.			Protection	Reset			Head	Integrated Fix stop	Version	
					max.		min.	max.	Continuous operation		Emergency stop operation		Force		Time				
									per stroke	per hour	per stroke		min.	max.	max.				
																			[mm]
MINI ENERGY	P	ME	05X05	N	4	H	0,1	1,2	0,8	2.100	0,8	D	1	2	0,15	D	x	-B	
						-						-				E	-		
						M	0,8	2,2	0,8	2.100	0,8	A	1	2	0,15	S	x		
																K	x		

► PROTECTION

no protection	Wiper (NBR)
D -B	A -B
	
in a clean environment	against liquid, oil, ...

► TECHNICAL DRAWINGS

	Short piston rod no head	Long piston rod no head	with steel head	with plastic head
	N D -B	N E -B	N S -B	N K -B
MINI ENERGY				

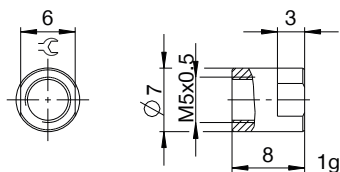
INDUSTRIAL SHOCK ABSORBERS POWERSTOP

THREAD M05X0.5

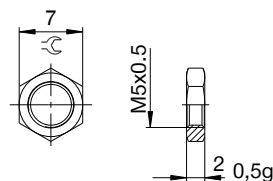
► ACCESSORIES

Pos.	Order no.	Accessories	Remarks
①	PAH05X05-A	Stop sleeve	Including 1x PVM05X05-A. Industrial shock absorber with bellow excluded.
②	PVM05X05-A	Stainless steel locknut	Included with the industrial shock absorber.
③	PDD05X05-A	Pressure chamber seal	Recommended fixation with PVM05X05-A. Seal must be in full contact on both sides.

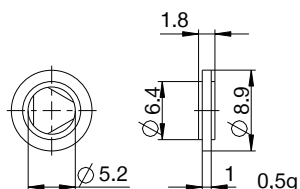
①



②



③



► CLASSIFICATION

P ME 05X05 N H A D -B

Design

P Industrial shock absorbers PowerStop

Series

ME Mini Energy

SE Standard Energy

HE High Energy

AE Adjustable Energy

Thread

05 Thread nominal diameter

X

05 Thread pitch (factor 10)

Stroke variant

N Standard stroke

L Long stroke

Hardness degree

H Hard (0.1 - 1.2 m/s; Adjustable Energy: 0.1 - 5 m/s)

M Medium (0.8 - 2.2 m/s)

S Soft (1.8 - 3.5 m/s)

W Supersoft (3 - 5 m/s)

Protection

D no protection

F Felt ring

A Wiper (NBR)

B Bellow (TPE)

Head

D Short piston rod no head

E Long piston rod no head

S with steel head

K with plastic head

Version

-A Versioning from a to z