

PMCN150-V4A to PMCN600-V4A

Optimum corrosion protection

Self-Compensating, Rolling Diaphragm Technology, TPU Bellow

Energy capacity 20 Nm/Cycle to 136 Nm/Cycle

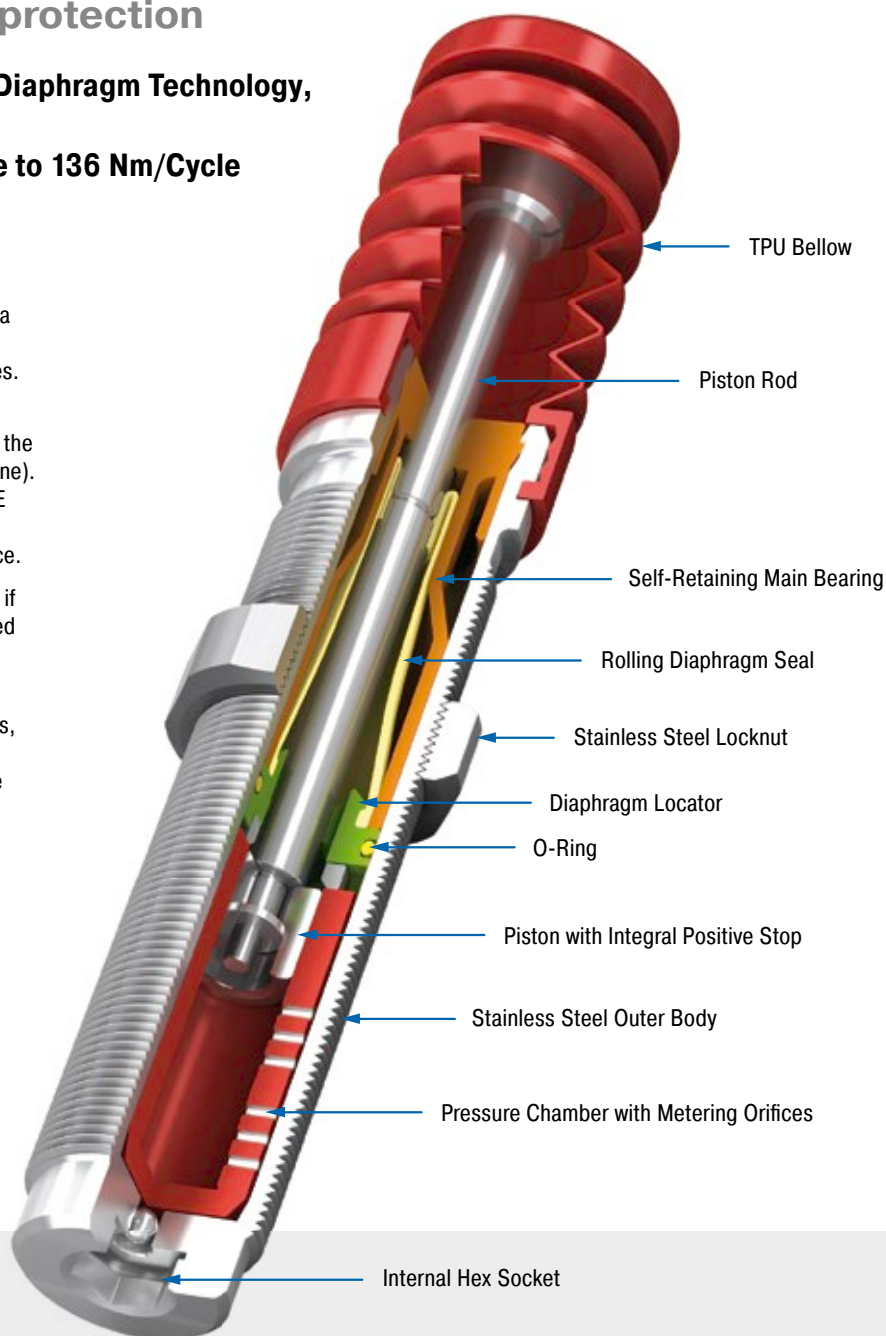
Stroke 12 mm to 25 mm

Hermetically sealed and rustproof: The Protection series PMCN is also available in a stainless steel design. This is of particular interest to the food and packaging industries.

Their main special feature is the compact, totally sealed bellow between the body and the cap made of TPU (thermoplastic polyurethane). This protection safely encapsulates the ACE rolling diaphragm from the outside environment. Aggressive fluids don't stand a chance.

The PMCN series is an excellent alternative if the accessory option of the SP type air bleed collar cannot be used due to a lack of compressed air.

The PMCN series miniature shock absorbers, produced from stainless steel, are primarily suitable for use in the food industry, but are also wherever an elegant look is important e.g. in shipbuilding.



Technical Data

Energy capacity: 20 Nm/Cycle to 136 Nm/Cycle

Impact velocity range: 0.06 m/s to 6 m/s.
Other speeds on request.

Operating temperature range: 0 °C to 66 °C

Mounting: In any position

Positive stop: Integrated

Material: Outer body: Stainless steel (1.4404, AISI 316L); Main bearing: Plastic; Piston rod: Hardened stainless steel (1.4125, AISI 440C); Bellow: TPU, steel insert: Stainless steel (1.4404/1.4571, AISI 316L/316Ti); Rolling diaphragm: EPDM

Damping medium: Oil, temperature stable

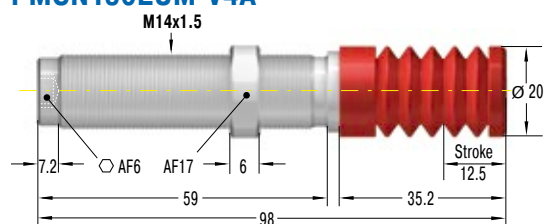
Application field: Finishing and processing centres, Clean room areas, Pharmaceutical industry, Medical technology, Food industry, Machines and plants

Note: Final preliminary test must be done on the application.

Safety instructions: Do not paint the shock absorbers due to heat emission.

On request: Special accessories available on request.

PMCN150EUM-V4A



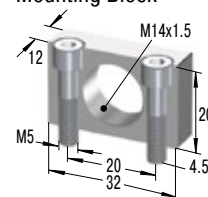
KM14-V4A

Locknut

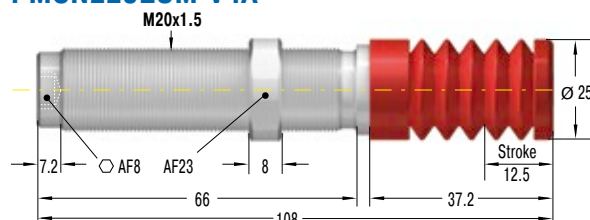


MB14SC2-V4A

Mounting Block



PMCN225EUM-V4A



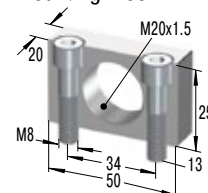
KM20-V4A

Locknut

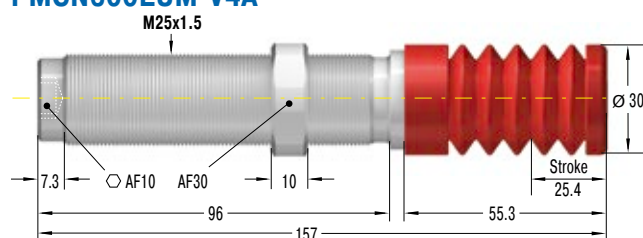


MB20SC2-V4A

Mounting Block



PMCN600EUM-V4A



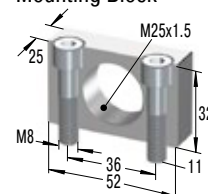
KM25-V4A

Locknut



MB25SC2-V4A

Mounting Block



Additional accessories, mounting, installation ... see from page 36.

Performance

TYPES	Max. Energy Capacity		Effective Weight		Return Force min. N	Return Force max. N	Return Time s	Side Load Angle max. °	Weight kg
	W ₃ Nm/cycle	W ₄ Nm/h	me min. kg	me max. kg					
PMCN150EUM-V4A	20	34,000	0.9	10	8	80	0.4	4	0.07
PMCN150EUMH-V4A	20	34,000	8.6	86	8	80	0.4	4	0.07
PMCN150EUMH2-V4A	20	34,000	70.0	200	8	80	0.4	4	0.07
PMCN150EUMH3-V4A	20	34,000	181.0	408	8	80	1.0	4	0.07
PMCN225EUM-V4A	41	45,000	2.3	25	8	85	0.3	4	0.17
PMCN225EUMH-V4A	41	45,000	23.0	230	8	85	0.3	4	0.17
PMCN225EUMH2-V4A	41	45,000	180.0	910	8	85	0.3	4	0.17
PMCN225EUMH3-V4A	41	45,000	816.0	1,814	8	85	0.3	4	0.17
PMCN600EUM-V4A	136	68,000	9.0	136	8	90	0.6	2	0.32
PMCN600EUMH-V4A	136	68,000	113.0	1,130	8	90	0.6	2	0.32
PMCN600EUMH2-V4A	136	68,000	400.0	2,300	8	90	0.6	2	0.32
PMCN600EUMH3-V4A	136	68,000	2,177.0	4,536	8	90	0.6	2	0.32