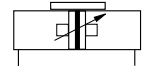


Components for EX-Areas



Information for ATEX-Directives

The rodless pneumatic cylinders of Parker Origa are the first linear drive unit, for that Ex range in the group of equipment II, Category 2 GD are certified.

Detail informations for use pneumatic components in Ex-Areas see leaflet P-A5P060 „EU Directive 94/9/EG (ATEX 95) for Pneumatic Components“.

Rodless Cylinder Ø 10-80 mm

Basic Cylinder - Series: OSP-P ... ATEX



Plain Bearing Guide Ø 16-80 mm

SLIDELINE - Series: SL- ... ATEX



Technical Data (deviant to the Standard Cylinder)

Characteristics	Description
General Features	
Ambient temperature range T_{min} / T_{max}	-10 °C / +60 °C
Max. switching frequency	1 Hz (double stroke/s) Basic cylinder 0.5 Hz (1 stroke/s) Cylinder with guide
Operating pressure range p_{max}	Max. 8 bar
Max. speed v_{max}	3 m/s Basic cylinder, 2 m/s Cylinder with guide
Medium	Filtered, unlubricated compressed air – free from water and dirt to ISO 8573-1 Solids: Class 7 particle size < 40 µm for Gas Water content: pressure dew point +3 °C, class 4, but at least 5 °C below minimum operating temperature
Noise level	70 dB (A)
Information for materials	
Aluminium	See data sheet "Material"
Lubrication	See security data sheet "Grease for use in Cylinder with guides"
Sealing bands	Corrosion resistant steel

Equipment Group II Categorie 2GD

Rodless cylinder: Ex II 2GD c T4 T135°C -10°C ≤ Ta ≤ +60°C

Series	Size	Stroke range	Accessories
OSP-P	Ø 10 to 80	1– 6000 mm	Mountings programme
SLIDELINE	Ø 16 to 80	1– 5500 mm	Mountings programme