

Double DNGU-125-160PPV-A

Part number: 158085

FESTO



Datasheet

| Feature | Value |
|--|---------------------------------|
| Mode of operation | Double acting |
| Type of mounting | Tie rod |
| Form, external | Round |
| Form piston | Round |
| Form piston rod | Round |
| In accordance with standard ISO | ISO 6431 |
| In accordance with standard VDMA | VDMA 24562 |
| Sensing type | Magnetic |
| Type of cushioning | Adjustable pneumatic cushioning |
| Cushioning length | 40 mm |
| Protection against torsion | None |
| Piston, nominal size | 125 mm |
| Stroke | 160 mm |
| Piston rod diameter | 32 mm |
| Thread type (piston rod) (KK) | M |
| Thread diameter (metric) | 27 mm |
| Pitch | 2 mm |
| Thread length (piston rod) | 54 mm |
| Overall length | 445 mm |
| Operating pressure min. | 0,6 bar |
| Operating pressure max. | 10 bar |
| Minimum ambient temperature | -20 Cel |
| Maximum ambient temperature | 80 Cel |
| Connection type bearing cap (EE) | Thread |
| Thread type (bearing cap) | G |
| Thread diameter (inch) | 1/2 inch |
| Silicone status | Free |
| Connection type cover cap | Thread |
| Thread type (cover cap) | G |
| Thread diameter (inch) | 1/2 inch |
| Effective force (theor.) at 6 bar, adv | .7363 N |
| Effect. force (theor.) at 6 bar, retur | n6881 N |
| Lateral force | 480 N |

| Feature | Value |
|-----------------------------------|--------------|
| Bending load | 4000 N |
| Air consumption at 6 bar, advance | 13,74 l/<--> |
| Air consumption at 6 bar, return | 12,85 l/<--> |