

DSN-25--PPV-S3

Standard cylinder

Data sheet

Part no.: 158864

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| Feature | Data/description |
|---|--|
| Mode of operation | Double acting |
| Shape piston | Round |
| Shape of piston rod | Round |
| In accordance with standard ISO | ISO 6432 |
| Sensing type | None |
| Type of cushioning | Adjustable pneumatic cushioning |
| Cushioning length | 17 mm |
| Protection against torsion | None |
| Piston, nominal size | 25 |
| X-stroke | X |
| Min. stroke for X-stroke | 1 mm |
| Max. stroke for X-stroke | 500 mm |
| Piston rod diameter | 10 mm |
| End of piston rod | Male thread |
| KK Piston rod thread | M 10x1.25 |
| Operating pressure min. | 1 bar |
| Operating pressure max. | 10 bar |
| Minimum ambient temperature | -20 °C |
| Maximum ambient temperature | 80 °C |
| Bearing cap connection type | Female thread |
| EE Connecting thread for bearing cap | G 1/8 |
| Material of cap | Wrought aluminium alloy |
| Material of seals | FPM, TPE-U(PU) |
| Material of piston rod | Stainless high-alloy steel |
| Material of barrel/housing | Stainless high-alloy steel |
| Coating of cover | Neutral anodised |
| Air connection type cover cap | Female thread |
| EE Connecting thread for end cap | G 1/8 |
| Effective force (theor.) at 6 bar, adv. | 294,5 N |
| Effect. force (theor.) at 6 bar, return | 247,4 N |
| Air consumption at 6 bar advance /10mm | 0,0317 l |

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| Feature | Data/description |
|------------------------------|--|
| Air consumption at 6 bar ret | 0,0266 l |
| Medium | Dried air, lubricated or unlubricated |