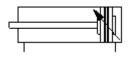


Data sheet Part no.: **157503** Page:1



DNGZS-250--PPV-A-S8

Standard cylinder

| Feature | Data/description |
|--|--|
| Mode of operation | double-acting |
| Variants | S8: all external cylinder surfaces conform to corrosion resistance class KBK3 (heavy duty corrosion protection) This variant includes variant S3. End surfaces and the bearing collar are not protected. Any further protective measures which are required should be specified when ordering. |
| Design structure | Piston Piston rod |
| Piston diameter | 250 mm |
| Stroke | 1,000 - 1.100,000 mm |
| Ambient temperature | -20 - 80 °C |
| Pneumatic connection | G1 |
| Conforms to standard | ISO 6431 VDMA 24562 |
| Position detection | with proximity sensor |
| Cushioning | Pneumatic cushioning, adjustable at both ends (PPV) |
| Cushioning length | 60,000 mm |
| Operating pressure | 0,300 - 10,000 bar |
| Theoretical force at 6 bar, advance stroke | 29.450,000 N |
| Theoretical force at 6 bar, return stroke | 28.270,000 N |