



DNGZS-320--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	320 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	66,000 mm
Operating pressure	0,300 - 10,000 bar
Theoretical force at 6 bar, advance stroke	48.250,000 N
Theoretical force at 6 bar, return stroke	46.380,000 N