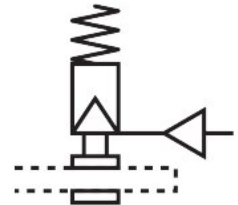


Holding brake DACS-20-A-R3-S

Part number: 8072775

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Mounting position	Any
Clamping type with active direction	Both sides Clamped by spring, released by compressed air
Symbol	00992086
Position sensing	For proximity sensor
Safety function	Holding and stopping a movement
Performance Level (PL)	Stopping, holding, blocking of movement/Category 1, Performance Level c
Operating pressure	0.38 MPa ... 0.8 MPa
Operating pressure	3.8 bar ... 8 bar
Operating pressure	55.1 psi ... 116 psi
Max. permissible test pressure	8 bar
Min. release pressure	3.8 bar
Round material to be clamped	20 mm
Certification	German Technical Control Board (TÜV)
CE marking (see declaration of conformity)	as per EU machinery directive
UKCA marking (see declaration of conformity)	To UK instructions for machines
Explosion prevention and protection	Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Certificate issuing authority	TÜV CA 697
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Corrosion resistance class (CRC)	3 - High corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Ambient temperature	-20 °C ... 80 °C
Static holding force	3300 N
Product weight	3143 g
Type of mounting	With internal thread With accessories
Clamping unit release connection	G1/8
Note on materials	RoHS-compliant
Seals material	NBR TPE-U(PU)
Material of spring	High-alloy steel

Feature	Value
Housing material	Steel
Clamping jaws material	Tool steel
Material of piston	Steel