

Swivel module

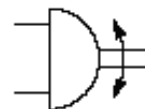
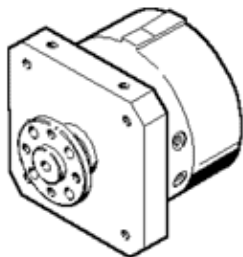
DSM-16-270-P-FW-CL

Part number: 170083

FESTO

With flanged shaft, shock absorber on left

These drives can be delivered on request with ATEX certification. The data on "ATEX identification", "ATEX ambient temperature" and "CE label" in the data sheet relate only to drives with certification.



Data sheet

Feature	Value
Size	16
Cushioning angle	12 deg
Rotation angle adjustment range	0 ... 254 deg
Swivel angle	254 deg
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Fine adjustment	-1.5 deg
Mode of operation	double-acting
Design structure	Rotary vane
Position detection	No
Operating pressure	1.8 ... 10 bar
Max. swivel frequency at 6 bar	1 Hz
ATEX identification	II 2 G c T4
ATEX ambient temperature	0°C ≤ Ta ≤ +60°C
Operating medium	Filtered compressed air
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
Ambient temperature	-10 ... 60 °C
Torque at 6 bar	2.5 Nm
Product weight	510 g
Mounting type	with internal (female) thread
Pneumatic connection	M5
Materials note	Free of copper and PTFE
Materials information for drive shaft	Steel Nickel plated
Materials information for seals	TPE-U(PU)
Materials information, housing	Wrought Aluminum alloy