

# Twin-piston cylinder

## DPZ-25-80-P-A-S6

Part number: 159846

FESTO

With two parallel piston rods, for proximity sensing, with elastic cushioning rings in end positions.



## Data sheet

Feature	Value
Stroke	80 mm
Adjustable end-position range/length	10 mm
Piston diameter	25 mm
Operating mode of drive unit	Yoke
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Guide	Plain-bearing guide
Design structure	Guide
Position detection	For proximity sensor
Variants	S6: heat-resistant seals to max. 120 °C
Working pressure	1 ... 10 bar
Mode of operation	double-acting
Operating medium	Dried compressed air, lubricated or unlubricated
Corrosion resistance classification CRC	2
Ambient temperature	-20 ... 120 °C
Impact energy in end positions	0.3 Nm
Theoretical force at 6 bar, return stroke	452 N
Theoretical force at 6 bar, advance stroke	590 N
alternative connections	See product drawing
Pneumatic connection	M5
Materials information for cover	Wrought Aluminum alloy
Materials information for seals	FPM
Materials information, housing	Wrought Aluminum alloy
Materials information for piston rod	High alloy steel, non-corrosive