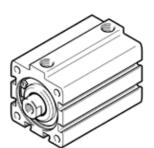
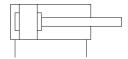
Compact cylinder DPCS-80-50-F-P Part number: 1516646 Product to be discontinued

Type to be discontinued. Available until 2017. See Support Portal for alternative products.







Data sheet

Feature	Value
Stroke	50 mm
Piston diameter	80 mm
Cushioning	P: Flexible cushioning rings/plates at both ends
Assembly position	Any
Mode of operation	double-acting
Piston-rod end	Female thread
Design structure	Piston
	Piston rod
	Cylinder barrel
Position detection	No
Working pressure	0.6 10 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
	operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Ambient temperature	-20 80 °C
Impact energy in end positions	0.9 J
Theoretical force at 6 bar, return stroke	2,721 N
Theoretical force at 6 bar, advance stroke	3,016 N
Moving mass	476 g
Product weight	1,719 g
Mounting type	Optional
	with through hole
	with thread
Pneumatic connection	G3/8
Materials note	Conforms to RoHS
Materials information for cover	Wrought Aluminum alloy
Materials information for dynamic seals	NBR
	TPE-U(PU)
Materials information for piston rod	High alloy steel
Materials information for cylinder barrel	Wrought Aluminum alloy