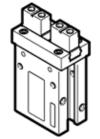
Parallel gripper DHPC-6-A-NC-S-2 Part number: 8116749



Data sheet

Feature	Value
Size	6
Stroke per gripper jaw	2 mm
Max. replacement accuracy	0.2 mm
Max. angular gripper jaw backlash ax,ay	0 deg
Max. gripper jaw backlash Sz	0 mm
Rotationally symmetrical	<= 0.2 mm
Repetition accuracy, gripper	<= 0.02 mm
Number of gripper fingers	2
Drive system	pneumatic
Assembly position	Any
Mode of operation	single-acting
	closed
Gripper function	Parallel
Gripper force back-up	On closing
Design structure	Connection direction at side
	Flat mounting of gripper fingers
	Lever
	guided motion sequence
Guide	Ball guide
Position detection	For proximity sensor
Variants	Recommended for production facilities for the manufacture of lithium-
Valiants	ion batteries
Total gripping force at 0.6 MPa (6 bar, 87 psi), opening	10.4 N
Operating pressure MPa	0.35 0.8 MPa
Working pressure	3.5 8 bar
Operating pressure	50.75 116 psi
Max. operating frequency of gripper	3 Hz
Min. opening time at 0.6 MPa (6 bar, 87 psi)	16 ms
Min. closing time at 0.6 MPa (6 bar, 87 psi)	16 ms
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	0 - No corrosion stress
PWIS conformity	VDMA24364-B2-L
RSBP classification to CD-0033	F1a
Ambient temperature	-10 60 °C
Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening	5.2 N
Mass moment of inertia	0.012 kgcm2
Max. force on gripper jaw Fz static	5 N
Max. force on gripper Jaw P2 static Max. torque at gripper Mx static	0.02 Nm
Max. torque at gripper My static Max. torque at gripper My static	0.04 Nm
Max. torque at gripper Mz static Max. torque at gripper Mz static	0.02 Nm
Product weight	27 g
Mounting type	Direct mounting via through-holes
mounting type	
	Direct mounting via threads
Droumatic connection	Optional M2
Pneumatic connection	M3 Conformate Dalla
Materials note	Conforms to RoHS
Material housing	Anodised aluminium
Material gripper jaws	High alloy steel, non-corrosive



