

Angle Gripper DHWS-32-A-NC - Festo 1310183

Item no.	FES-1310183	Manufacturer	Festo
Manufacturer no.	DHWS-32-A-NC	EAN	4052568229719

Festo gripper for secure handling and positioning of workpieces in automated processes.

TECHNICAL DATA

Article authenticity	Original product
Betriebsdruck max [bar]	8.000000
Condition of article	New
HS-Code	84798997
Pneumatischer Anschluss	G1/8
Weight	0.462 kg
Werkstoff	Aluminium



STANDARDS & COMPLIANCE

ISO 8573-1:2010

DESCRIPTION

Festo gripper for secure handling and positioning of workpieces in automated processes. The key technical data of this genuine Festo article are listed below.

size	32
Max. exchange precision [mm]	$\leq 0,2 \text{ mm}$
Max. opening angle [deg]	40
Rotational symmetry [mm]	$\leq 0,2 \text{ mm}$
Repeatability grippers [mm]	$\leq 0,04 \text{ mm}$
Quantity Gripper jaws	2
installation position	arbitrary
Principle of operation	double acting
Gripper function	elbow
Construction set up	lever

Position detection	For proximity switch
Operating pressure [bar]	4 to 8
Max. working frequency gripper [Hz]	<= 3 Hz
Min. opening time a 6 bar [ms]	88
Min. closing time at 6 bar [ms]	55
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Information about operating and control medium	Oiled operation possible (required in further operations)
Corrosion resistant class KBK	1 - low corrosion stress
ambient temperature [°C]	5 to 60
Mass inertia [kg/cm ²]	1,63
Max. force on gripper jaws Fz static [N]	120
Max. torque on gripper jaws Mx static [Nm]	6,0
Max. torque on gripper jaws My static [Nm]	6,0
Max. torque on gripper jaws Mz static [Nm]	6,0
Product weight [g]	462
Fastening type	Selectively: Female thread and centring sleeve With Throughway bore and centring sleeve
Pneumatic connection	G1/8
Material information	RoHs compliant
Cover cap material	PA
Housing material	Aluminium wrought alloy Hard anodised
Gripper jaws material	High-alloyed steel
Gripping force safety	When closing