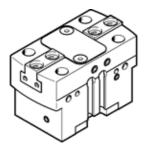
parallel gripper HGPT-16-A-B Part number: 560192

FESTO

sturdy.





Data sheet

Size	Feature	Value
Max. replacement accuracy Max. angular gripper jaw backlash ax,ay (= 0.0 deg Max. gripper jaw backlash 52 (= 0.02 mm Rotationally symmetrical (= 0.2 mm Repetition accuracy, gripper Number of gripper fingers 2 Assembly position Any Mode of operation Gripper function Posign structure Position detection For proximity sensor Total force at 6 bar, opening 120 N Total force at 6 bar, closing Operating pressure, sealing air Max. operating frequency of gripper Min. opening time at 6 bar Operating medium Note on operating and pilot medium Lubrication dassessification CRC Protection class Protection class (Fro proximity sensor) Total force per gripper jaw at 6 bar, closing Gripper (= 2 - Moderate corrosion stress) (Author of the pressure) Corrosion resistance classification CRC Protection class (Fro proximity and possible (subsequently required for further operation) Ambient temperature Gripping force per gripper jaw at 6 bar, closing Max. torque at gripper Mx static Max. torque at gripper finger Age greater and dowel pin Optional Preduct weight Mounting type Mith through-hole and centring sleeve With through-hole and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin Optional	Size	16
Max. angular gripper jaw backlash ax,ay (= 0.0 gmm Max. gripper jaw backlash 52 (= 0.02 mm Repetition accuracy, gripper Number of gripper fingers 2 Assembly position Any Mode of operation Gripper function Parallel Inclined plane guided motion sequence Position detection For proximity sensor Total force at 6 bar, opening 120 N Operating pressure Operating frequency of gripper as at 6 bar Operating frequency of gripper as at 6 bar Operating midlum Note on operating and pilot medium Compressed air in accordance with 1508573-1:2010 [7:4:4] Note on operating and pilot medium Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class IPAO Max. foreque gripper jaw at 6 bar, opening 60 N Gripping force per gripper jaw at 6 bar, opening 60 N Gripping force per gripper jaw at 6 bar, opening 60 N Max. torque at gripper My static Max. torque at gripper finger 40 g Product weight Mounting type With through-hole and centring sleeve With through-hole and dowel pin Optional Pneumatic connection, sealing air	Stroke per gripper jaw	3 mm
Max. gripper jaw backlash 52 Rotationally symmetrical Repetition accuracy, gripper Rotationally symmetrical Repetition accuracy, gripper Rotational Repetition Rotational Rotation Rotational Rotation Rotational Rotation Rotational Rotation Rotational Rotational Rotational Rotation Rotational	Max. replacement accuracy	<= 0.2 mm
Rotationally symmetrical Repetition accuracy, gripper Repetition accuracy, gripper Repetition accuracy, gripper Repetition accuracy, gripper fingers Repetition accuracy, gripper fingers Repetition Repetition Rode of operation Gripper function Repetition	Max. angular gripper jaw backlash ax,ay	<= 0.1 deg
Repetition accuracy, gripper Number of gripper fingers 2 Any Mode of operation Any Mode of operation Gripper function Parallel Design structure Inclined plane guided motion sequence Position detection Total force at 6 bar, opening 120 N Total force at 6 bar, closing 106 N Operating pressure Operating pressure, sealing air Max. operating frequency of gripper Min. opening fire at 6 bar Note on operating and pilot medium Doperating 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 Protection class IP40 Ambient temperature 560 °C Gripping force per gripper jaw at 6 bar, opening Gripping force per gripper jaw at 6 bar, opening Gripping force per gripper jaw at 6 bar, opening Gripping force per gripper jaw at 6 bar, closing Max. storque at gripper Mx static 10 Nm Max. torque at gripper finger 40 g Mith internal thread and centring sleeve With through-hole and demel pin With internal thread and dowel pin Optional	Max. gripper jaw backlash Sz	<= 0.02 mm
Number of gripper fingers Assembly position Any Mode of operation Gripper function Design structure Inclined plane guided motion sequence Position detection Total force at 6 bar, opening Operating pressure Operating pressure, sealing air Max. operating frequency of gripper Min. opening frequency of gripper Min. opening frequency of gripper Min. opening frequency of gripper Min. obsing time at 6 bar Min. closing time at 6 bar Min. closing time at 6 bar Min. closing time at 6 bar Min. opening medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Ubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class IP40 Ambient temperature Gripping force per gripper jaw at 6 bar, closing Max. more on gripper jaw at 6 bar, closing Max. more on gripper jaw at 6 bar, closing Max. more on gripper jaw at 6 bar, closing Max. more on gripper jaw at 6 bar, closing Max. torque at gripper Mx static Do N Max. torque at gripper Mx static Dubrication interval for guide components Max. max. preserved at gripper finger Max. static Max. torque at gripper finger Max. static Max. static Max. torque at gripper finger Muth internal thread and centring sleeve With through-hole and dowel pin With internal thread and dowel pin With internal thread and dowel pin Optional	Rotationally symmetrical	<= 0.2 mm
Assembly position Mode of operation Gripper function Design structure Position detection For proximity sensor Total force at 6 bar, opening 120 N Operating pressure Operating pressure, sealing air Max. operating frequency of gripper Min. opening time at 6 bar Operating medium Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Uubricated operation stress Protection class IP40 Ambient temperature Gripping force per gripper jaw at 6 bar, opening Gripping force per gripper jaw at 6 bar, opening Offipping force per gripper jaw at 6 bar, opening Offipping force per gripper jaw at 6 bar, closing Max. force on gripper faw at 5 bar Max. sorque at gripper Mx static 10 Nm Max. torque at gripper Mx static Lubricated operation Max. torque at gripper finger 40 g Max. sorque at gripper finger Aux. at operating developer finger Aux. at operating developer finger Aux. at operating developer finger Aux. torque at gripper finger Aux. sorque at carterial and acentring sle	Repetition accuracy, gripper	<= 0.03 mm
Mode of operation Gripper function Parallel Inclined plane guided motion sequence Position detection For proximity sensor Total force at 6 bar, opening Total force at 6 bar, closing Operating pressure Operating pressure Operating pressure, sealing air Max. operating frequency of gripper (~3 Hz Min. opening time at 6 bar Min. closing time at 6 bar Min. closing time at 6 bar Operating an elium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating an pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Operating and pilot medium Operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening Gripping force per gripper jaw at 6 bar, closing 33 N Ass moment of inertia Max. force on gripper fave tastic 10 Nm Max. torque at gripper Mx static 10 Nm Max. torque at gripper Mx static 11 Nm Max. torque at gripper Mx static 12 Nm Max. torque at gripper fix static 13 Nm Max. as per external gripper finger 40 g Product weight Max. mass per external gripper finger 40 g With internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowled pin With internal thread and dowel pin Optional Pneumatic connection, sealing air	Number of gripper fingers	2
Gripper function Design structure Besign structure Besign structure Besign structure Besign structure Besign structure Besition detection For proximity sensor Total force at 6 bar, opening 120 N Total force at 6 bar, opening 120 N Operating pressure 3 8 bar Operating pressure, sealing air 0 0,5 bar Max. operating frequency of gripper Min. opening time at 6 bar 9 ms Min. closing time at 6 bar 9 ms Min. closing time at 6 bar 11 ms Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening 60 N Gripping force per gripper jaw at 6 bar, closing Max. force on gripper jaw fa 5 static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper Mx static 11 Nm Max. torque at gripper Mx static 12 Nm Max. torque at gripper Mx static 13 Nm Max. torque at gripper Mx static 14 Nm Max. torque at gripper Mx static 15 Nim Max. torque at gripper finger 40 g Product weight Max. may be re external gripper finger 40 g Product weight Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air	Assembly position	Any
Design structure Inclined plane guided motion sequence	Mode of operation	double-acting
Position detection For proximity sensor Total force at 6 bar, opening Total force at 6 bar, closing 106 N Operating pressure 3 8 bar Operating pressure, sealing air 0 0.5 bar Max. operating frequency of gripper (=3 Hz Min. closing time at 6 bar Max. torque at gripper jaw at 6 bar, closing Max. torque at gripper jaw at 6 bar, closing Max. torque at gripper Mx static Min. through-hole and centring sleeve With through-hole and dowel pin With internal thread and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air	Gripper function	Parallel
Position detection Total force at 6 bar, opening 120 N Total force at 6 bar, closing 106 N Operating pressure 3 8 bar Operating pressure, sealing air 0 0.5 bar Max. operating frequency of gripper (~3 HZ Min. opening time at 6 bar 9 ms Min. opening time at 6 bar 11 ms Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Ubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening Gripping force per gripper jaw at 6 bar, closing Max. force on gripper jaw Fz static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper Mx static 11 Nm Max. torque at gripper Mx static 12 Nm Max. orque at gripper Mx static 15 Min SP Max. mass per external gripper finger 40 g Max. mass per external gripper finger 40 g Max. mass per external gripper finger 40 g Mounting type With through-hole and dowel pin With internal thread and dowel pin With internal thread and dowel pin With internal thread and dowel pin Optional	Design structure	Inclined plane
Total force at 6 bar, opening Total force at 6 bar, closing 106 N Operating pressure 3 8 bar Operating pressure, sealing air 0 0.5 bar Max. operating frequency of gripper Min. opening time at 6 bar Min. opening time at 6 bar Min. openating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Ubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, closing Max. force oper gripper jaw at 6 bar, closing Max. force on gripper jaw Ex static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper Mx static 11 Nm Max. torque at gripper Mx static 12 Nm Max. torque at gripper Mx static 13 Nm Max. torque at gripper Mx static 14 Nm Max. torque at gripper finger 40 g Product weight Max. mass per external gripper finger 40 g Product weight Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air		guided motion sequence
Total force at 6 bar, opening Total force at 6 bar, closing 106 N Operating pressure 3 8 bar Operating pressure, sealing air 0 0.5 bar Max. operating frequency of gripper Min. opening time at 6 bar Min. opening time at 6 bar Min. openating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Ubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, closing Max. force oper gripper jaw at 6 bar, closing Max. force on gripper jaw Ex static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper Mx static 11 Nm Max. torque at gripper Mx static 12 Nm Max. torque at gripper Mx static 13 Nm Max. torque at gripper Mx static 14 Nm Max. torque at gripper finger 40 g Product weight Max. mass per external gripper finger 40 g Product weight Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air	Position detection	For proximity sensor
Operating pressure 3 8 bar Operating pressure, sealing air 0 0.5 bar Max. operating frequency of gripper Min. opening time at 6 bar 9 ms Min. closing time at 6 bar 11 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 2 · Moderate corrosion stress Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening 60 N Gripping force per gripper jaw at 6 bar, closing 53 N Mass moment of inertia 0.141 kgcm2 Max. force on gripper jaw Fz static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper My static 12 Nm Max. torque at gripper My static 12 Nm Max. torque at gripper My static 15 Min SP Max. mass per external gripper finger 40 g Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin Optional Pneumatic connection, sealing air M3	Total force at 6 bar, opening	
Operating pressure, sealing air Max. operating frequency of gripper Min. opening time at 6 bar Operating medium Operating medium Operating medium Operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening Gripping force per gripper jaw at 6 bar, closing Max. force on gripper jaw Fz static Max. torque at gripper Mx static Max. torque at gripper Mx static Max. torque at gripper Mx static Lubrication interval for guide components Max. torque at gripper figner Max. torque at gripper fign	Total force at 6 bar, closing	106 N
Operating pressure, sealing air Max. operating frequency of gripper Min. opening time at 6 bar Operating medium Operating medium Operating medium Operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening Gripping force per gripper jaw at 6 bar, closing Max. force on gripper jaw Fz static Max. torque at gripper Mx static Max. torque at gripper Mx static Max. torque at gripper Mx static Lubrication interval for guide components Max. torque at gripper figner Max. torque at gripper fign	Operating pressure	3 8 bar
Min. closing time at 6 bar Min. closing time at 6 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 IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening 60 N Gripping force per gripper jaw at 6 bar, closing Max. force on gripper jaw Fz static Max. force on gripper jaw Fz static Max. torque at gripper My static 10 Nm Max. torque at gripper My static 11 Nm Max. torque at gripper My static 40 Nm Max. torque at gripper My static 40 Nm Max. torque at gripper My static 5 Mio SP Max. mass per external gripper finger 40 g Product weight Mounting type Internal thread and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3		0 0.5 bar
Min. closing time at 6 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 Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening 60 N Gripping force per gripper jaw at 6 bar, closing Mass moment of inertia 0.141 kgcm2 Max. force on gripper jaw Fz static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper My static 12 Nm Max. torque at gripper My static 40 Nm Max. torque at gripper Mg static 5 Nio SP Max. mass per external gripper finger 40 g Product weight Mounting type Internal thread and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3	Max. operating frequency of gripper	<= 3 Hz
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 Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening 60 N Gripping force per gripper jaw at 6 bar, closing 53 N Mass moment of inertia 0.141 kgcm2 Max. force on gripper Jaw Fz static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper Mx static 12 Nm Max. torque at gripper Mz static 15 Nm Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Product weight Mounting type Internal thread and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air	Min. opening time at 6 bar	9 ms
Lubricated operating and pilot medium Lubricated operation possible (subsequently required for further operation)	Min. closing time at 6 bar	11 ms
Lubricated operating and pilot medium Lubricated operation possible (subsequently required for further operation)	Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Corrosion resistance classification CRC 2 - Moderate corrosion stress Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening 60 N Gripping force per gripper jaw at 6 bar, closing Mass moment of inertia 0.141 kgcm2 Max. force on gripper jaw Fz static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper My static 12 Nm Max. torque at gripper Mz static 6 Nm Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Product weight Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3		Lubricated operation possible (subsequently required for further
Protection class IP40 Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening 60 N Gripping force per gripper jaw at 6 bar, closing 53 N Mass moment of inertia 0.141 kgcm2 Max. force on gripper jaw Fz static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper My static 12 Nm Max. torque at gripper Mz static 6 Nm Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Mounting type Internal thread and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3	, - ,	operation)
Ambient temperature 5 60 °C Gripping force per gripper jaw at 6 bar, opening 60 N Gripping force per gripper jaw at 6 bar, closing 53 N Mass moment of inertia 0.141 kgcm2 Max. force on gripper jaw Fz static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper My static 12 Nm Max. torque at gripper Mz static 6 Nm Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Product weight 85 g Mounting type With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3	Corrosion resistance classification CRC	2 - Moderate corrosion stress
Gripping force per gripper jaw at 6 bar, opening Gripping force per gripper jaw at 6 bar, closing Mass moment of inertia 0.141 kgcm2 Max. force on gripper jaw Fz static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper My static 12 Nm Max. torque at gripper Mz static 6 Nm Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Product weight 85 g Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3	Protection class	IP40
Gripping force per gripper jaw at 6 bar, closing Mass moment of inertia 0.141 kgcm2 Max. force on gripper jaw Fz static 200 N Max. torque at gripper Mx static 10 Nm Max. torque at gripper My static 12 Nm Max. torque at gripper Mz static 6 Nm Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Product weight 85 g Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3	Ambient temperature	5 60 °C
Mass moment of inertia Max. force on gripper jaw Fz static Max. torque at gripper Mx static Max. torque at gripper My static Max. torque at gripper My static Max. torque at gripper Mz static Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Product weight 85 g Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3	Gripping force per gripper jaw at 6 bar, opening	60 N
Max. force on gripper jaw Fz static Max. torque at gripper Mx static Max. torque at gripper My static Max. torque at gripper My static Max. torque at gripper Mz static Max. torque at gripper Mz static Eubrication interval for guide components Max. mass per external gripper finger Mounting type Mounting type Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3	Gripping force per gripper jaw at 6 bar, closing	53 N
Max. force on gripper jaw Fz static200 NMax. torque at gripper Mx static10 NmMax. torque at gripper My static12 NmMax. torque at gripper Mz static6 NmLubrication interval for guide components5 Mio SPMax. mass per external gripper finger40 gProduct weight85 gMounting typeInternal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin OptionalPneumatic connection, sealing airM3	Mass moment of inertia	0.141 kgcm2
Max. torque at gripper My static Max. torque at gripper Mz static Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Product weight 85 g Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3	Max. force on gripper jaw Fz static	
Max. torque at gripper Mz static 6 Nm Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Product weight 85 g Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3	Max. torque at gripper Mx static	10 Nm
Max. torque at gripper Mz static 6 Nm Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Product weight 85 g Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3		12 Nm
Lubrication interval for guide components 5 Mio SP Max. mass per external gripper finger 40 g Product weight 85 g Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air 5 Mio SP 40 g 85 g With through-hole and centring sleeve With through-hole and dowel pin Optional		6 Nm
Max. mass per external gripper finger Product weight Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3		5 Mio SP
Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3		40 g
Mounting type Internal thread and centring sleeve With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3	Product weight	85 g
With through-hole and centring sleeve With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3		
With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection, sealing air M3		_
With internal thread and dowel pin Optional Pneumatic connection, sealing air M3		
Optional Pneumatic connection, sealing air M3		
Pneumatic connection, sealing air M3		· · · · · · · · · · · · · · · · · · ·
	Pneumatic connection, sealing air	'
	Pneumatic connection	M5



Feature	Value
Materials note	Free of copper and PTFE
	Conforms to RoHS
Material cover cap	High alloy steel, non-corrosive
Material housing	Aluminium
	Anodised
Material gripper jaws	Steel
	Hardened