Parallel gripper HGPT-40-A-B-G1 Part number: 560217



Data sheet

DescriptionDescriptionax, interchangeabilitys0,2 mmax, gripper jaw angular play ax, ays0,1 degax, gripper jaw angular play ax, ays0,0 mmax, gripper jaw backlash Szs0,02 mmsettional symmetrys0,2 mmneumatic gripper repetition accuracys0,05 mmneumatic gripper repetition accuracys0,05 mmpe codeHGPTumber of gripper jaws2outnitig positionAnycode of operationDouble-actingpriper functionParallelripper functionOn openingiripper functionParallelong priper gressure4 bar 8 barperating pressure for sealing airO bar 0.5 barax. operating frequency of pneumatic grippers2 H2in. closing time at 6 bar135 msax. ass per external gripper finger310 gperating mediumCompressed air as per ISO 8573-11:2010[7:4:4]formation on operating and pilot mediaOperation pressible (required for further use)parsion resistance class (CRC)2 - Moderate corrosion stressgregere of protectionIPA0mbient temperature5°C 60°Cass moment of inertia10.9 kgcm2aximum torque on gripper jaw, Mx static100 Nmaximum torque on gripper jaw, Mx static100 Nmaximum torque on gripper jaw, Mx static575 Nmelubrication interval for guidance elements576 Nm	Feature	Value
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HGPT umber of gripper jaws 2 lounting position Any lode of operation Double-acting ripper function Parallel ripping force backup On opening tructural design Inclined plane Positively driven motion sequence Double-acting position sensing For proximity sensor ymbol 00995947 perating pressure 4 bar 8 bar perating pressure for sealing air O bar 0.5 bar iax. operating frequency of pneumatic gripper a2 Hz in. olosing time at 6 bar 135 ms iax. mass per external gripper finger 310 g perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] formation on operating and pilot media Operation with oil lubrication possible (required for further use) orrosion resistance class (CRC) 2 · Moder	Rotational symmetry	≤0.2 mm
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Jax. mass per external gripper finger310 gperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]oformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)orrosion resistance class (CRC)2 - Moderate corrosion stressegree of protectionIP40mbient temperature5 °C 60 °Class moment of inertia10.99 kgcm²laximum force on gripper jaw Fz, static2500 Nlaximum torque on gripper jaw, Mx static100 Nmlaximum torque on gripper jaw, Mz static90 Nmlaximum torque on gripper jaw, Mz static75 Nmelubrication interval for guidance elements5 MioCyc	Min. opening time at 6 bar	67 ms
perating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]formation on operating and pilot mediaOperation with oil lubrication possible (required for further use)orrosion resistance class (CRC)2 - Moderate corrosion stressegree of protectionIP40mbient temperature5 °C 60 °Cass moment of inertia10.99 kgcm²laximum force on gripper jaw Fz, static2500 Nlaximum torque on gripper jaw, Mx static100 Nmlaximum torque on gripper jaw, Mz static90 Nmlaximum torque on gripper jaw, Mz static5 % Min Staticlaximum torque on gripper jaw, Mz static5 % Min Staticlaximum torque on gripper jaw, Mz static5 % Min Staticlaximum torque on gripper jaw, Mz static5 % Min Staticlaximum torque on gripper jaw, Mz static5 % Min Staticlaximum torque on gripper jaw, Mz static5 % Min Staticlaximum torque on gripper jaw, Mz static5 % Min Staticlaximum torque on gripper jaw, Mz static5 % Min Staticlaximum torque on gripper jaw, Mz static5 % Min Staticlaximum torque on gripper jaw, Mz static5 % Min Static	Min. closing time at 6 bar	135 ms
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Jaximum torque on gripper jaw, Mx static100 NmJaximum torque on gripper jaw, My static90 NmJaximum torque on gripper jaw, Mz static75 NmJubrication interval for guidance elements5 MioCyc	Mass moment of inertia	10.99 kgcm ²
Iaximum torque on gripper jaw, My static90 NmIaximum torque on gripper jaw, Mz static75 Nmelubrication interval for guidance elements5 MioCyc	Maximum force on gripper jaw Fz, static	2500 N
aximum torque on gripper jaw, Mz static 75 Nm elubrication interval for guidance elements 5 MioCyc	Maximum torque on gripper jaw, Mx static	100 Nm
elubrication interval for guidance elements 5 MioCyc	Maximum torque on gripper jaw, My static	90 Nm
	Maximum torque on gripper jaw, Mz static	75 Nm
	Relubrication interval for guidance elements	5 MioCyc
roduct weight 1075 g	Product weight	1075 g

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Feature	Value
Type of mounting	Optionally: With internal thread and centering sleeve Via through-hole and centering sleeve With through-hole and dowel pin With internal thread and dowel pin
Sealing air pneumatic connection	M5
Pneumatic connection	M5
Note on materials	Free of copper and PTFE RoHS-compliant
Cover cap material	High-alloy stainless steel
Housing material	Aluminum Anodized
Gripper jaw material	Steel Hardened