parallel gripper DHPC-32-A-NO-S Part number: 8116887

Data sheet

Site 32 Stroke per gripper jaw 11 mm Max. replacement accuracy 0.2 mm Max. argular gripper jaw backlash ax,ay 0 deg Max. argular gripper jaw backlash 5.2 0 mm Rotationally symmetrical <c 0.2="" mm<="" td=""> Rotationally symmetrical <c 0.2="" mm<="" td=""> Rotationally symmetrical <c 0.2="" mm<="" td=""> Number of gripper fingers 2 Drive system pneumatic Assembly position Any Mode of operation single-acting opper Onnection direction on the side Lever Standard mounting of gripper fingers Guide Dangering Operating rescue 2.5 & MPa Operating rescue 2.5 & MPa Operating pressure 2.5 & MPa Operating measure MPa 0.5 & MPa<</c></c></c>	Feature	Value
Max. replacement accuracy 0.2 mm Max. arginger jaw backlash sz,v 0 deg Max. arginger jaw backlash Sz,v 0 mm Rotationally symmetrical <= 0.2 mm	Size	32
Max. replacement accuracy 0.2 mm Max. arginger jaw backlash sz,v 0 deg Max. arginger jaw backlash Sz,v 0 mm Rotationally symmetrical <= 0.2 mm	Stroke per gripper jaw	11 mm
Max. gripper jaw backalsh 52 0 mm Rotationally yumetrical <= 0.2 mm		0.2 mm
Max. gripper jaw backalsh 52 0 mm Rotationally yumetrical <= 0.2 mm	Max. angular gripper jaw backlash ax,ay	0 deg
Repetition accuracy, gripper 4 = 0.02 mm Number of gripper fingers 2 Dive system pneumatic Assembly position Any Assembly position Any Assembly position Single-acting oppen oppen Gripper function Parallel Gripper force back-up On opening Design structure Connection direction on the side Lever Standard mounting of gripper fingers guide Ball guide Position detection For promity sensor Total gripping force at 0.6 MPa (6 bar, 87 psi), closing 415.2 N Max. operating pressure 2.5 0.8 MPa Operating pressure 2.5 0.8 MPa Operating frequency of gripper 1 Hz Min. closing time at 0.6 MPa (6 bar, 87 psi) 74 ms Min. closing time at 0.6 MPa (6 bar, 87 psi) 76 ms Operating measure 2.5 16 psi Min. closing time at 0.6 MPa (6 bar, 87 psi) 76 ms Operating medium Compressed air in accordance with ISO8573-1:2010 (7:4:4) Note on operating and plot medium Lubricated operation possible (subsequently required for further </td <td></td> <td>0 mm</td>		0 mm
Number of gripper fingers 2 Drive system pnematic Assembly position Any Mode of operation single-acting Open Open Gripper force back-up On opening Design structure Connection direction on the side Lever Standard mounting of gripper fingers guided motion sequence Ball guide Position detection For proximity sensor Total gripping force at 0.6 MPa (6 bar, 87 psi), closing 415.2 N Operating pressure MPa 0.25 0.8 MPa Operating pressure MPa 0.25 0.8 MPa Operating frequency of gripper 1 Hz Min. obeging time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. colong time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. colong time at 0.6 MPa (6 bar, 87 psi) 76 msel ari in accordance with 1508573-1:2010[7:4:4] Operating medium Compressed ari in accordance with 1508573-1:2010[7:4:4] Note on operating and pilot medium Compressed ari in accordance with 1508573-1:2010[7:4:4] Operating medium Compressed ari in accordance with 1508573-1:2010[7:4:4] Note on operating and pilot med	Rotationally symmetrical	<= 0.2 mm
Drive system pneumatic Assembly position Any Assembly position Single-acting Open Open Gripper function Parallel Gripper force back-up On opening Design structure Connection direction on the side Lever Standard mounting of gripper fingers guided motion sequence Guide Position detection For proximity sensor Total gripping force at 0.6 MPa (6 bar, 87 psi), closing 415.2 N Operating pressure MPa 0.25 0.8 MPa Operating frequency of gripper 142 Min. opening time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. opening time at 0.6 MPa (6 bar, 87 psi) 76 ms Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and plot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 0 - No corrosion stress PWIS conformity VDM2A336442-1 Ambient temperature 10 60 °C Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing 207.6 N </td <td>Repetition accuracy, gripper</td> <td><= 0.02 mm</td>	Repetition accuracy, gripper	<= 0.02 mm
Assembly position Any Mode of operation single-acting Open open Gripper function Parallel Gripper force back-up On opening Design structure Connection direction on the side Lever Standard mounting of gripper fingers guided motion sequence Ball guide Position detection For proximity sensor Total gripping force at 0.6 MPa (6 bar, 87 psi), closing 0.750.8 MPa Operating pressure MPa 0.250.8 MPa Operating pressure MPa 0.250.8 MPa Operating frequency of gripper 1 Hz Min. closing time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. closing time at 0.6 MPa (6 bar, 87 psi) 76 ms Operating resure 2.6 Na MPa Operating resure 10 No corrosion stress VPW conformity VDMA2364 Pz-L Mobient temperature 1.0. Na Conformity VDMA2364 Pz-L 3 Nm Mas. torque at gripper Mx static 1.5 Nm	Number of gripper fingers	2
Mode of operation single-acting open open Gripper function Parallel Gripper force back-up On opening Design structure Connection direction on the side Lever Standard mounting of gripper fingers guide Bail guide Position detection For proximity sensor Total gripping force at 0.6 MPa (6 bar, 87 psi), closing 415.2 N Operating pressure MPa 0.25 0.8 MPa Operating pressure MPa 0.25 0.8 MPa Operating pressure MPa 0.25 116 psi Min. opening time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. opening time at 0.6 MPa (6 bar, 87 psi) 76 ms Operating medum Compressed air in accordance with ISO8573-1:2010[7:4:4] Note on operating and pilot medium Compressed air in accordance with ISO8573-1:2010[7:4:4] Note on operating and pilot medium Compressed air in accordance with ISO8573-1:2010[7:4:4] Note on operating regipter java at 0.6 MPa (6 bar, 87 psi) closing 207.6 N Max. force on gripper java at 0.6 MPa (6 bar, 87 psi) closing 207.6 N Max. force on gripper jave at 0.6 MPa (6 bar, 87 psi) closing 207.6 N Max. force on gripper jave	Drive system	pneumatic
openopenGripper functionParallelGripper force back-upOn openingDesign structureConnection direction on the side Lever Standard mounting of gripper fingers guided motion sequenceGuideBall guidePosition detectionFor proximity sensorTotal gripping force at 0.6 MPa (6 bar, 87 psi), closing415.2 NOperating pressure MPa0.25 0.8 MPaOperating pressure MPa0.25 0.8 MPaOperating pressure MPa0.25 0.16 psiMax. operating frequency of gripper1 HzMin. closing time at 0.6 MPa (6 bar, 87 psi)174 msMin. closing time at 0.6 MPa (6 bar, 87 psi)76 msOperating pressure0.05 0.8 MPaOperating pressure0.05 0.05 MPaOperating neediumCompressed air in accordance with 1508573-1:2010 [7:4:4]Note on operating and pliot mediumUbricated operation possible (subsequently required for further operation)Operating frequency of gripper1 HzNote on operating and pliot medium0.06 °CCorrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDMA24364-82-LAmbient temperature1-0 60 °CGripping force er gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMax. torque at gripper My static3 NnMax. torque at gripper My static3 NnMax. torque at gripper My static1.5 NmMax. torque at gripper My static31 gMounting trave Dricet mounting via through-holesDire	Assembly position	Any
Gripper function Parallel Gripper force back-up On opening Design structure Connection direction on the side Lever Standard mounting of gripper fingers guided motion sequence Ball guide Position detection For proximity sensor Total gripping force at 0.6 MPa (6 bar, 87 psi), closing 415.2 M Operating pressure MPa 0.25 0.8 MPa Operating pressure MPa 0.25 0.8 MPa Operating frequency of gripper 1 Hz Min. opening time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. colsing time at 0.6 MPa (6 bar, 87 psi) 76 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 corsion stress PWIS conformity VDM24364-82-L Ambient temperature 10 60 °C Gripping force pripper jaw at 0.6 MPa (6 bar, 87 psi) closing 207.6 N Mas. torque at gripper Ms static 13.5 Nm Mas. torque at gripper Ms static 15.5 Nm	Mode of operation	single-acting
Gripper force back-up On opening Design structure Connection direction on the side Lever Standard mounting of gripper fingers guided motion sequence Ball guide Position detection For proximity sensor Otal gripping force at 0.6 MPa (6 bar, 87 psi), closing 0.15 2 m. 0.8 MPa Operating pressure MPa 0.25 0.8 MPa Operating pressure MPa 0.25 0.8 MPa Operating pressure MPa 0.25 0.16 psi Max. operating frequency of gripper 1 Hz Min. closing time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. closing time at 0.6 MPa (6 bar, 87 psi) 76 ms Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on gripper java at 0.6 MPa (6 bar, 87 psi) closing 20:6 °C </td <td></td> <td>open</td>		open
Design structure Connection direction on the side Lever Standard mounting of gripper fingers guided motion sequence Golde Ball guide Position detection For proximity sensor Total gripping force at 0.6 MPa (6 bar, 87 psi), closing 415.2 N Operating pressure MPa 0.25 0.8 MPa Operating pressure of gripper 1.4 z Min. opening time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. opening time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. opening time at 0.6 MPa (6 bar, 87 psi) 76 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 Ambient temperature 10 60°C Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing 207.6 N Max. torque at gripper Ms static 1.5 Nm Mounting type Direct mounting via through-	Gripper function	Parallel
Lever Standard mouting of gripper fingers guided motion sequenceGuideBall guidePosition detectionFor proximity sensorTotal gripping force at 0.6 MPa (6 bar, 87 psi), closing415.2 NOperating pressure MPa0.25 0.8 MPaOperating pressure MPa36.25 116 psiMax. operating frequency of gripper1 H2Min. closing time at 0.6 MPa (6 bar, 87 psi)74 msMin. closing time at 0.6 MPa (6 bar, 87 psi)76 msOperating mediumCompressed air in accordance with IS08573-1:2010 [7:4:4]Note on operating and pilot mediumCompressed air in accordance with IS08573-1:2010 [7:4:4]Note on operating and pilot medium0.1 No corrosion stressPWIS conformityVDMA2364-B2-LAmbient temperature1-0 60 °CGripping force at 0.6 MPa (6 bar, 87 psi) closing207-6 NMax. force on gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207-6 NMax. torque at gripper My static1.5 MmMax. torque at gripper My static3 NmMax. torque at gripper My static3 NmMounting typeDirect mounting via through-holes Direct mounting via through-holes On mounting	Gripper force back-up	On opening
Standard mounting of gripper fingers guided motion sequenceGuideBall guidePosition detectionFor proximity sensorTotal gripping force at 0.6 MPa (6 bar, 87 psi), closing415.2 NOperating pressure MPa0.25 0.8 MPaOperating pressure MPa0.25 0.8 MPaOperating pressure MPa1.42Max. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)174 msMin. closing time at 0.6 MPa (6 bar, 87 psi)76 msOperating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDMA24364-B2-LAmbient temperature10 60 °CGripping force on gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static31 gMounting typeDirect mounting via threads On mounting via threads On mounting via threads On mounting frame With through-hole and dowel pin With through-hole and	Design structure	Connection direction on the side
guided motion sequenceGuideBall guidePosition detectionFor proximity sensorTotal gripping force at 0.6 MPa (6 bar, 87 ps), closing415.2 NOperating pressure MPa0.25 0.8 MPaOperating pressure Guided for the second s		Lever
GuideBall guidePosition detectionFor proximity sensorTotal gripping force at 0.6 MPa (6 bar, 87 psi), closing415.2 NOperating pressure MPa0.25 0.8 MPaOperating pressure MPa36.25 116 psiMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)174 msMin. closing time at 0.6 MPa (6 bar, 87 psi)76 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDMA24364-B2-LAmbient temperature-10 60 °CGripping force en gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMas. force on gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMas. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper My static31 gMounting typeDirect mounting via through-holes Direct mounting via through-holes Direct mounting via threads On mounting frame With through-holes Direct mounting via threads On mounting frame With through-holes Direct mounting via threads On mounting frame With thremal thread and dowel pin With internal thread and dowel pin With internal thread and dowel pin Mitherinal thread and dowel pin Mith threads On forms to RoHSMaterials noteConforms to RoHSMaterials noteC		Standard mounting of gripper fingers
Position detectionFor proximity sensorTotal gripping force at 0.6 MPa (6 bar, 87 psi), closing415.2 NOperating pressure MPa0.25 0.8 MPaOperating pressure2.5 8 barMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)174 msMin. closing time at 0.6 MPa (6 bar, 87 psi)76 msOperating nediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDM24326482-LAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmProduct weight831 gMounting typeDirect mounting via through-holes Direct mounting via through-holes On mounting frame With through-hole and dowel pin With internal thread and dowel pin With internal thread and dowel pin OptionalPneumatic connectionM5Material noteConforms to RoHSMaterial housingAnodised aluminium		guided motion sequence
Total gripping force at 0.6 MPa (6 bar, 87 psi), closing415.2 NOperating pressure MPa0.25 0.8 MPaOperating pressure MPa2.5 8 bar36.25 116 psi36.25 116 psiMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)174 msMin. closing time at 0.6 MPa (6 bar, 87 psi)76 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumUubricated operation possible (subsequently required for further operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDMA24364-B2-LAmbient temperature10 60 °CGripping force er gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMas. force on gripper jaw tz static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper My static3 NmMax. torque at gripper My static3 NmMax. torque at gripper My static31 gMounting typeDirect mounting via through-holesDirect mounting via threadsOn mounting frameWith through-hole and dowel pinWith through-hole and dowel pinMuterial noteConforms to RoHSMaterial noteConforms to RoHSMaterial noteConforms to RoHS	Guide	Ball guide
Deprating pressure MPa0.25 0.8 MPaOperating pressure2.5 8 bar 36.25 116 psiMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)174 msMin. closing time at 0.6 MPa (6 bar, 87 psi)76 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDMA24364-B2-LAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMax. force on gripper jaw ta 0.6 MPa (6 bar, 87 psi) closing207.6 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static3 NmMax. torque at gripper Mx static1.5 NmProduct weight831 gMounting typeDirect mounting via through-holes Direct mounting via threads O n mounting frame With through-holes Direct mounting via threads O no mounting frame With thread and dowel pin OptionalPneumatic connectionM5Material snote Material snoteConforms to RoHSMaterial housingAnodised aluminium	Position detection	For proximity sensor
Operating pressure 2.5 8 bar Max. operating frequency of gripper 1 Hz Min. opening time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. closing time at 0.6 MPa (6 bar, 87 psi) 76 ms Operating medium Compressed 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 Ambient temperature -10 60 °C Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing 207.6 N Mass. moment of inertia 5.76 kgcm2 Max. torque at gripper Mx static 1.5 Nm Max. torque at gripper Mx static 1.5 Nm Max. torque at gripper Mx static 1.5 Nm Product weight 831 g Mounting type Direct mounting via through-holes Direct mounting via through hole and dowel pin With internal thread and dowel pin With internal thread and dowel pin Optional Pneumatic connection M5 Material housing Anodised aluminium	Total gripping force at 0.6 MPa (6 bar, 87 psi), closing	415.2 N
36.25 116 psi Max. operating frequency of gripper 1 Hz Min. opening time at 0.6 MPa (6 bar, 87 psi) 174 ms Min. closing time at 0.6 MPa (6 bar, 87 psi) 76 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 Ambient temperature -10 60 °C Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing 207.6 N Mass moment of inertia 5.76 kgcm2 Max. torque at gripper Mx static 1.5 Nm Mounting type Direct mounting via through-holes Direct mounting via threads On mounting rame Mounting type Direct mounting rame Mut through-hole and dowel pin With thread and dowel pin With thread and dowel pin With thread and dowel pin Mut toreals note Conforms to RoHS <t< td=""><td>Operating pressure MPa</td><td>0.25 0.8 MPa</td></t<>	Operating pressure MPa	0.25 0.8 MPa
Max. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)174 msMin. closing time at 0.6 MPa (6 bar, 87 psi)76 msOperating mediumCompressed air in accordance with ISO8573-1:2010[7:4;4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDMA24364-B2-LAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. force on gripper jaw Fz static171.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmProduct weight831 gMounting typeDirect mounting via through-holes Direct mounting via through-holes Direct mounting via through-holes Direct mounting via through-holes Direct mounting via through-holesPneumatic connectionM5Materials noteConforms to RoHSMaterial housingAnodised aluminium	Operating pressure	2.5 8 bar
Min. opening time at 0.6 MPa (6 bar, 87 psi)174 msMin. closing time at 0.6 MPa (6 bar, 87 psi)76 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDMA24364-B2-LAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static0 incomplex for mounting via through-holesDirect mounting via through-holes0 incomplex for mounting via through-holesDirect mounting via through and dowel pin With through-hole and dowel pin With through-hole and dowel pin OptionalPneumatic connectionM5Materials noteConforms to RoHSMaterial housingAnodised aluminium		36.25 116 psi
Min. closing time at 0.6 MPa (6 bar, 87 psi)76 msOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDMA24364-B2-LAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. torque at gripper Mx static171.5 NMax. torque at gripper My static3 NmMax. torque at gripper My static1.5 NmProduct weight831 gMounting typeDirect mounting via through-holes Direct mounting via threads On mounting frame With through-hole and dowel pin With internal thread and dowel pin With internal thread and dowel pin With internal thread and dowel pin Mit hiternal thread and dowel pin Mit hitern	Max. operating frequency of gripper	1 Hz
Operating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDM24364-B2-LAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. force on gripper jaw Fz static17.15 NMax. torque at gripper My static3 NmMax. torque at gripper My static1.5 NmMax. torque at gripper My static931 gMounting typeDirect mounting via through-holes Direct mounting via through-holes Direct mounting via through-holes Direct mounting frame With through-hole and dowel pin With internal thread and dowel pin With internal thread and dowel pin Myth internal thread and dowel pin Miterials notePneumatic connectionM5Material housingAnodised aluminium	Min. opening time at 0.6 MPa (6 bar, 87 psi)	174 ms
Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDM24364-B2-LAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. force on gripper jaw Fz static171.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper My static3 NmProduct weight831 gMounting typeDirect mounting via through-holes Direct mounting via threads On mounting frame With through-hole and dowel pin With internal thread and dowel pin OptionalPneumatic connectionM5Materials noteConforms to RoHS Anodised aluminium	Min. closing time at 0.6 MPa (6 bar, 87 psi)	76 ms
operation)Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDMA24364-B2-LAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. force on gripper jaw Fz static11.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mz static1.5 NmMax. torque at gripper Mz static1.5 NmProduct weight831 gMounting typeDirect mounting via through-holes Direct mounting via threads On mounting frame With internal thread and dowel pin With internal thread and dowel pin OptionalPneumatic connectionM5Materials noteConforms to RoHSMaterial housingAnodised aluminium	Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Corrosion resistance classification CRC0 - No corrosion stressPWIS conformityVDMA24364-B2-LAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. force on gripper jaw Fz static171.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper Mz static1.5 NmProduct weight831 gMounting typeDirect mounting via through-holesDirect mounting via threadsOn mounting frameWith through-hole and dowel pinWith internal thread and dowel pinOptionalM5Materials noteConforms to RoHSMaterial housingAnodised aluminium	Note on operating and pilot medium	
PWIS conformityVDMA24364-B2-LAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. force on gripper jaw Fz static171.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper Mz static1.5 NmMax. torque at gripper Mz static1.5 NmMounting typeDirect mounting via through-holesDirect mounting via through-holesDirect mounting via through-holesOn mounting frame With through-hole and dowel pin OptionalWith internal thread and dowel pin OptionalPneumatic connectionM5Materials noteConforms to RoHS		operation)
Ambient temperature.10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. force on gripper jaw Fz static171.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper Mz static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper Mz static1.5 NmMounting typeDirect mounting via through-holesDirect mounting via threads On mounting frame With through-hole and dowel pin With internal thread and dowel pin OptionalPneumatic connectionM5Material housingAnodised aluminium	Corrosion resistance classification CRC	0 - No corrosion stress
Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing207.6 NMass moment of inertia5.76 kgcm2Max. force on gripper jaw Fz static171.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper Mz static1.5 NmMax. torque at gripper Mz static1.5 NmMax. torque at gripper Mz static1.5 NmMounting typeDirect mounting via through-holesDirect mounting via through-holesDirect mounting via threadsOn mounting frameWith through-hole and dowel pinWith internal thread and dowel pinOptionalPneumatic connectionM5Material housingAnodised aluminium	PWIS conformity	VDMA24364-B2-L
Mass moment of inertia5.76 kgcm2Max. force on gripper jaw Fz static171.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper Mz static1.5 NmProduct weight831 gMounting typeDirect mounting via through-holesDirect mounting via threads On mounting frame With through-hole and dowel pin OptionalPneumatic connectionM5Materials noteConforms to RoHSMaterial housingAnodised aluminium	Ambient temperature	-10 60 °C
Max. force on gripper jaw Fz static171.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper Mz static1.5 NmProduct weight831 gMounting typeDirect mounting via through-holesDirect mounting via through-holesDirect mounting frameWith through-hole and dowel pinWith internal thread and dowel pinOptionalPneumatic connectionMaterials noteMaterial housingAndised aluminium	Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing	207.6 N
Max. torque at gripper Mx static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper Mz static1.5 NmProduct weight831 gMounting typeDirect mounting via through-holesDirect mounting via threads On mounting frame With through-hole and dowel pin OptionalPneumatic connectionM5Materials noteConforms to RoHSMaterial housingAnodised aluminium	Mass moment of inertia	5.76 kgcm2
Max. torque at gripper My static 3 Nm Max. torque at gripper Mz static 1.5 Nm Product weight 831 g Mounting type Direct mounting via through-holes Direct mounting via threads On mounting frame With through-hole and dowel pin With internal thread and dowel pin Pneumatic connection M5 Materials note Conforms to RoHS Material housing Anodised aluminium	Max. force on gripper jaw Fz static	171.5 N
Max. torque at gripper Mz static 1.5 Nm Product weight 831 g Mounting type Direct mounting via through-holes Direct mounting via threads On mounting frame With through-hole and dowel pin With internal thread and dowel pin Optional M5 Materials note Conforms to RoHS Material housing Anodised aluminium	Max. torque at gripper Mx static	1.5 Nm
Product weight 831 g Mounting type Direct mounting via through-holes Direct mounting via threads On mounting frame With through-hole and dowel pin With through-hole and dowel pin Optional Optional Pneumatic connection M5 Materials note Conforms to RoHS Material housing Anodised aluminium	Max. torque at gripper My static	3 Nm
Mounting type Direct mounting via through-holes Direct mounting via threads Direct mounting via threads On mounting frame With through-hole and dowel pin With thread and dowel pin Optional Pneumatic connection M5 Materials note Conforms to RoHS Material housing Anodised aluminium	Max. torque at gripper Mz static	1.5 Nm
Direct mounting via threadsOn mounting frameWith through-hole and dowel pinWith internal thread and dowel pinOptionalPneumatic connectionMaterials noteConforms to RoHSMaterial housingAnodised aluminium	Product weight	831 g
On mounting frame With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection Materials note Conforms to RoHS Material housing	Mounting type	Direct mounting via through-holes
With through-hole and dowel pin With internal thread and dowel pin Optional Pneumatic connection M5 Materials note Conforms to RoHS Material housing Anodised aluminium		Direct mounting via threads
With internal thread and dowel pin Optional Pneumatic connection M5 Materials note Conforms to RoHS Material housing Anodised aluminium		On mounting frame
With internal thread and dowel pin Optional Pneumatic connection M5 Materials note Conforms to RoHS Material housing Anodised aluminium		
Optional Pneumatic connection M5 Materials note Conforms to RoHS Material housing Anodised aluminium		
Pneumatic connection M5 Materials note Conforms to RoHS Material housing Anodised aluminium		
Materials note Conforms to RoHS Material housing Anodised aluminium	Pneumatic connection	
Material housing Anodised aluminium		
	Material gripper jaws	High alloy steel, non-corrosive



FESTO