## 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 &amp; MPa   Operating rescue 2.5 &amp; MPa   Operating pressure 2.5 &amp; MPa   Operating measure MPa 0.5 &amp; MPa&lt;</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>&lt;= 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
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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**