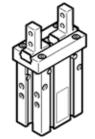
## parallel gripper DHPC-32-A-B Part number: 8116884



## **Data sheet**

Stroke reg rgipper jaw   11 mm     Max. regular gripper jaw backlash sx, ay   0 deg     Max. angular gripper jaw backlash 5x   0 mm     Rotationally symmetrical   (= 0.2 mm     Repetition accuracy, gripper   (= 0.02 mm     Number of gripper fingers   2     Drive system   pneumatic     Assembly position   Any     Mode of operation   double acting     Gripper function   Parallel     Gripper function   Parallel     Gripper function   Quide antion outgripper fingers     guided motion sequence   Ball guide     Position detection   For proximity sensor     Catal gripping force at 0.6 MPa (6 bar, 87 psi), opening   493.7 M     Total gripping force at 0.6 MPa (6 bar, 87 psi), closing   442.6 M     Operating pressure MPa   0.1 0.8 MPa     Operating pressure MPa   0.1 0.8 MPa     Operating frequency of gripper   142     Min. opening time at 0.6 MPa (6 bar, 87 psi)   114 ms     Min. opening time at 0.6 MPa (6 bar, 87 psi)   114 ms     Min. opening time at 0.6 MPa (6 bar, 87 psi)   114 ms     Min. opening time at 0.6 MPa (6 bar, 87 psi)   114 m	Feature	Value
Max. argular gripper Jaw backlash ax,ay     0.2 mm       Max. argular gripper Jaw backlash 52     0 mm       Rotationally symmetrical <e 0.2="" mm<="" td="">       Rotationally symmetrical     <e 0.2="" mm<="" td="">       Repetition accuracy, gripper     <e 0.2="" mm<="" td="">       Number of gripper fingers     2       Drive system     Any       Sesembly position     Any       Mode of operation     double-acting       Gripper function     Parallel       Gripper force back-up     No       Design structure     Connection direction underneath       Lever     Standard mounting of gripper fingers       guide     Ball guide       Position detection     For proximity sensor       Variants     Recommended for production facilities for the manufacture of lithium- ion batteries       Total gripping force at 0.6 MPa (6 bar, 87 psi), opening     49.3 r. N       Total gripping pressure     1 &amp; B bar       Max. operating frequency of gripper     1.4 &amp; bar       Min. closing time at 0.6 MPa (6 bar, 87 psi)     107 ms       Operating medium     Compressed air in accordance with ISO8573-1:2010 [7.4:4]       Min. closing time at 0.6 MPa (6 bar, 87 p</e></e></e>	Size	32
Max. argular gripper Jaw backlash ax,ay     0.2 mm       Max. argular gripper Jaw backlash 52     0 mm       Rotationally symmetrical <e 0.2="" mm<="" td="">       Rotationally symmetrical     <e 0.2="" mm<="" td="">       Repetition accuracy, gripper     <e 0.2="" mm<="" td="">       Number of gripper fingers     2       Drive system     Any       Sesembly position     Any       Mode of operation     double-acting       Gripper function     Parallel       Gripper force back-up     No       Design structure     Connection direction underneath       Lever     Standard mounting of gripper fingers       guide     Ball guide       Position detection     For proximity sensor       Variants     Recommended for production facilities for the manufacture of lithium- ion batteries       Total gripping force at 0.6 MPa (6 bar, 87 psi), opening     49.3 r. N       Total gripping pressure     1 &amp; B bar       Max. operating frequency of gripper     1.4 &amp; bar       Min. closing time at 0.6 MPa (6 bar, 87 psi)     107 ms       Operating medium     Compressed air in accordance with ISO8573-1:2010 [7.4:4]       Min. closing time at 0.6 MPa (6 bar, 87 p</e></e></e>	Stroke per gripper jaw	11 mm
Max. gripper jaw backlash 5z   0 mm     Rotationally symmetrical   <= 0.2 mm	Max. replacement accuracy	0.2 mm
Max. gripper jaw backlash 5z   0 mm     Rotationally symmetrical   <= 0.2 mm	Max. angular gripper jaw backlash ax,ay	0 deg
Rotationally symmetrical   <- 0.2 mm		0 mm
Number of gripper fingers     2       Drive system     pneumatic       Assembly position     Any       Mode of operation     double-acting       Gripper function     Parallel       Gripper force back-up     No       Design structure     Connection direction underneath       Lever     Standard mounting of gripper fingers       guided motion sequence     Ball guide       Position detection     For proximity sensor       Variants     Recommended for production facilities for the manufacture of lithium- ion batteries       Total gripping force at 0.6 MPa (6 bar, 87 psi), opening     493.7 N       Total gripping force at 0.6 MPa (6 bar, 87 psi), closing     422.6 N       Operating pressure     1 0.8 MPa       Operating pressure     1 8 bar       Min. opening fine at 0.6 MPa (6 bar, 87 psi)     114 ms       Min. opening time at 0.6 MPa (6 bar, 87 psi)     107 ms       Operating pressure     1 8 bar       Min. opening time at 0.6 MPa (6 bar, 87 psi)     114 ms       Min. opening time at 0.6 MPa (6 bar, 87 psi)     107 ms       Operating medium     Compressed air in accordance with ISO8573-1:2010 [7:4:4]	Rotationally symmetrical	<= 0.2 mm
Number of gripper fingers     2       Drive system     pneumatic       Assembly position     Any       Mode of operation     double-acting       Gripper function     Parallel       Gripper force back-up     No       Design structure     Connection direction underneath       Lever     Standard mounting of gripper fingers       guided motion sequence     Ball guide       Position detection     For proximity sensor       Variants     Recommended for production facilities for the manufacture of lithium- ion batteries       Total gripping force at 0.6 MPa (6 bar, 87 psi), opening     493.7 N       Total gripping force at 0.6 MPa (6 bar, 87 psi), closing     422.6 N       Operating pressure     1 0.8 MPa       Operating pressure     1 8 bar       Min. opening fine at 0.6 MPa (6 bar, 87 psi)     114 ms       Min. opening time at 0.6 MPa (6 bar, 87 psi)     107 ms       Operating pressure     1 8 bar       Min. opening time at 0.6 MPa (6 bar, 87 psi)     114 ms       Min. opening time at 0.6 MPa (6 bar, 87 psi)     107 ms       Operating medium     Compressed air in accordance with ISO8573-1:2010 [7:4:4]	Repetition accuracy, gripper	<= 0.02 mm
Assembly position   Any     Mode of operation   double-acting     Gripper force back-up   No     Design structure   Connection direction undermeath     Lever   Standard mounting of gripper fingers     guided   Ball guide     Position detection   For proximity sensor     Variants   Recommended for production facilities for the manufacture of lithium- ion batteries     Total gripping force at 0.6 MPa (6 bar, 87 psi), opening   493.7 N     Total gripping force at 0.6 MPa (6 bar, 87 psi), opening   442.6 N     Operating pressure MPa   0.1 0.8 MPa     Operating pressure MPa   0.1 0.8 MPa     Operating frequency of gripper   14.2     Min. closing time at 0.6 MPa (6 bar, 87 psi)   107 ms     Operating measure do to APa (6 bar, 87 psi)   107 ms     Operating meat 0.6 MPa (6 bar, 87 psi)   107 ms     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 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	Number of gripper fingers	2
Mode of operation   double-acting     Gripper fronction   Parallel     Gripper force back-up   No     Design structure   Connection direction underneath Lever     Standard mounting of gripper fingers guided motion sequence     Position detection   For proximity sensor     Variants   Recommended for production facilities for the manufacture of lithium- ion batteries     Total gripping force at 0.6 MPa (6 bar, 87 psi), opening   493.7 N     Total gripping force at 0.6 MPa (6 bar, 87 psi), opening   442.6 N     Operating pressure MPa   0.1 0.8 MPa     Operating pressure MPa   0.1 0.8 MPa     Operating frequency of gripper   1 Hz     Min. opening time at 0.6 MPa (6 bar, 87 psi)   114 ms     Min. opening time at 0.6 MPa (6 bar, 87 psi)   107 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     RSBP classification to CD-0033   F1a     Ambient temperature   10 60 °C     Gripping force per gri	Drive system	pneumatic
Mode of operation   double-acting     Gripper fronction   Parallel     Gripper force back-up   No     Design structure   Connection direction underneath Lever     Standard mounting of gripper fingers guided motion sequence     Position detection   For proximity sensor     Variants   Recommended for production facilities for the manufacture of lithium- ion batteries     Total gripping force at 0.6 MPa (6 bar, 87 psi), opening   493.7 N     Total gripping force at 0.6 MPa (6 bar, 87 psi), opening   442.6 N     Operating pressure MPa   0.1 0.8 MPa     Operating pressure MPa   0.1 0.8 MPa     Operating frequency of gripper   1 Hz     Min. opening time at 0.6 MPa (6 bar, 87 psi)   114 ms     Min. opening time at 0.6 MPa (6 bar, 87 psi)   107 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     RSBP classification to CD-0033   F1a     Ambient temperature   10 60 °C     Gripping force per gri	Assembly position	Any
Gripper function   Parallel     Gripper force back-up   No     Design structure   Connection direction underneath Lever     Standard mounting of gripper fingers     guided   Ball guide     Position detection   For proximity sensor     Variants   Recommended for production facilities for the manufacture of lithium- ion batteries     Total gripping force at 0.6 MPa (6 bar, 87 psi), opening   493.7 N     Total gripping force at 0.6 MPa (6 bar, 87 psi), closing   442.6 N     Operating pressure MPa   0.1 0.8 MPa     Operating pressure MPa   0.1 0.8 MPa     Operating frequency of gripper   1 Hz     Min. opening time at 0.6 MPa (6 bar, 87 psi)   107 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     RSBP classification to CD-0033   F1a     Ambient temperature   10 60 °C     Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing   221.3 N     Mass moment of inertia   5	Mode of operation	double-acting
Design structure   Connection direction underneath Lever     Standard mounting of gripper fingers guided motion sequence     Guide   Ball guide     Position detection   For proximity sensor     Variants   Recommended for production facilities for the manufacture of lithium- ion batteries     Total gripping force at 0.6 MPa (6 bar, 87 psi), opening   493.7 N     Operating pressure MPa   0.1 0.8 MPa     Operating pressure MPa   0.1 0.8 MPa     Operating frequency of gripper   14.5 116 psi     Min. opening time at 0.6 MPa (6 bar, 87 psi)   114 ms     Min. opening time at 0.6 MPa (6 bar, 87 psi)   107 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   VDA24364-B2-L     RSBP classification to CD-0033   F1a     Ambient temperature   -10 60 °C     Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 ps) opening   26.9 N     Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 ps) opening   26.9 N     Gripping force per gripper jaw a	Gripper function	-
Design structure   Connection direction underneath Lever     Standard mounting of gripper fingers guided motion sequence     Guide   Ball guide     Position detection   For proximity sensor     Variants   Recommended for production facilities for the manufacture of lithium- ion batteries     Total gripping force at 0.6 MPa (6 bar, 87 psi), opening   493.7 N     Operating pressure MPa   0.1 0.8 MPa     Operating pressure MPa   0.1 0.8 MPa     Operating frequency of gripper   14.5 116 psi     Min. opening time at 0.6 MPa (6 bar, 87 psi)   114 ms     Min. opening time at 0.6 MPa (6 bar, 87 psi)   107 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   VDA24364-B2-L     RSBP classification to CD-0033   F1a     Ambient temperature   -10 60 °C     Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 ps) opening   26.9 N     Gripping force per gripper jaw at 0.6 MPa (6 bar, 87 ps) opening   26.9 N     Gripping force per gripper jaw a	Gripper force back-up	No
LeverStandard mounting of gripper fingers guided motion sequenceGuideBall guidePosition detectionFor proximity sensorVariantsRecommended for production facilities for the manufacture of lithium- ion batteriesTotal gripping force at 0.6 MPa (6 bar, 87 psi), opening493.7 NOperating pressure MPa0.1 0.8 MPaOperating pressure MPa0.1 0.8 MPaOperating pressure MPa1 8 barMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. opening time at 0.6 MPa (6 bar, 87 psi)107 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 conformityVDM24364-B2-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening246.9 NGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing21.1 NMax. torque at gripper Mx static5.55 kgcm2Max. torque at gripper Mx static1.5 NmMax. torque at gripper Mx s		Connection direction underneath
guided motion sequenceGuideBall guidePosition detectionFor proximity sensorVariantsRecommended for production facilities for the manufacture of lithium- ion batteriesTotal gripping force at 0.6 MPa (6 bar, 87 psi), opening493.7 NTotal gripping force at 0.6 MPa (6 bar, 87 psi), opening442.6 NOperating pressure MPa0.1 0.8 MPaOperating pressure MPa0.1 0.8 MPaOperating pressure MPa0.1 0.8 MPaOperating pressure1 8 bar14.5 116 psiMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)107 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening246.9 NMax. force on gripper jaw at 0.6 MPa (6 bar, 87 psi) opening221.3 NMass moment of inertia5.55 kgcm2Max. 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 NmMax. torque at gripper Mx static779 gMounting typeDirect mounting via through-holes		Lever
guided motion sequenceGuideBall guidePosition detectionFor proximity sensorVariantsRecommended for production facilities for the manufacture of lithium- ion batteriesTotal gripping force at 0.6 MPa (6 bar, 87 psi), opening493.7 NTotal gripping force at 0.6 MPa (6 bar, 87 psi), opening442.6 NOperating pressure MPa0.1 0.8 MPaOperating pressure MPa0.1 0.8 MPaOperating pressure MPa0.1 0.8 MPaOperating pressure1 8 bar14.5 116 psiMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)107 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening246.9 NMax. force on gripper jaw at 0.6 MPa (6 bar, 87 psi) opening221.3 NMass moment of inertia5.55 kgcm2Max. 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 NmMax. torque at gripper Mx static779 gMounting typeDirect mounting via through-holes		Standard mounting of gripper fingers
GuideBall guidePosition detectionFor proximity sensorVariantsRecommended for production facilities for the manufacture of lithium- ion batteriesTotal gripping force at 0.6 MPa (6 bar, 87 psi), opening493.7 NTotal gripping force at 0.6 MPa (6 bar, 87 psi), closing442.6 NOperating pressure MPa0.1 0.8 MPaOperating pressure for equation of the sensor		
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VariantsRecommended for production facilities for the manufacture of lithiumion batteriesTotal gripping force at 0.6 MPa (6 bar, 87 psi), opening493.7 NTotal gripping force at 0.6 MPa (6 bar, 87 psi), closing422.6 NOperating pressure MPa0.1 0.8 MPaOperating pressure1 8 barMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. closing time at 0.6 MPa (6 bar, 87 psi)107 msOperating and pilot 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening246.9 NGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening5.55 kgcm2Max. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper My static1.5 NmMax. torque at gripper My static<		
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Total gripping force at 0.6 MPa (6 bar, 87 psi), closing442.6 NOperating pressure MPa0.1 0.8 MPaOperating pressure1 8 barMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. closing time at 0.6 MPa (6 bar, 87 psi)107 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing221.3 NMass moment of inertia5.55 kgcm2Mas. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static779 gMounting typeDirect mounting via through-holes		
Total gripping force at 0.6 MPa (6 bar, 87 psi), closing442.6 NOperating pressure MPa0.1 0.8 MPaOperating pressure1 8 barMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. closing time at 0.6 MPa (6 bar, 87 psi)107 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing221.3 NMass moment of inertia5.55 kgcm2Mas. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static779 gMounting typeDirect mounting via through-holes	Total gripping force at 0.6 MPa (6 bar, 87 psi), opening	493.7 N
Operating pressure MPa0.1 0.8 MPaOperating pressure1 8 bar 14.5 116 psiMax. operating frequecy of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. closing time at 0.6 MPa (6 bar, 87 psi)107 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening246.9 NGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing221.3 NMass moment of inertia5.55 kgcm2Max. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static3 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmProduct weight779 gMounting typeDirect mounting via through-holes		
Operating pressure1 8 bar 14.5 116 psiMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. closing time at 0.6 MPa (6 bar, 87 psi)107 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening246.9 NGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing221.3 NMass moment of inertia5.55 kgcm2Max. force on gripper jaw fz static171.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static3 NmMax. torque at gripper Mx static1.5 NmProduct weight779 gMounting typeDirect mounting via through-holes		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
14.5 116 psiMax. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. closing time at 0.6 MPa (6 bar, 87 psi)107 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening246.9 NGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing221.3 NMas. moment of inertia5.55 kgcm2Max. torque at gripper My static3 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 static5.79 gMounting typeDirect mounting via through-holes		
Max. operating frequency of gripper1 HzMin. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. closing time at 0.6 MPa (6 bar, 87 psi)107 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening246.9 NGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing221.3 NMax. force on gripper Jaw Ez static171.5 NMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMax. torque at gripper Mz static779 gMounting typeDirect mounting via through-holes		
Min. opening time at 0.6 MPa (6 bar, 87 psi)114 msMin. closing time at 0.6 MPa (6 bar, 87 psi)107 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening246.9 NGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing221.3 NMass moment of inertia5.55 kgcm2Max. torque at gripper Mx static1.5 NmMax. torque at gripper Mx static1.5 NmMounting typeDirect mounting via through-holes	Max, operating frequency of gripper	
Min. closing time at 0.6 MPa (6 bar, 87 psi)107 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-LRSBP classification to CD-0033F1aAmbient temperature-10 60 °CGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) opening246.9 NGripping force per gripper jaw at 0.6 MPa (6 bar, 87 psi) closing221.3 NMass moment of inertia5.55 kgcm2Max. torque at gripper Mx static1.5 NmMax. torque at gripper My static3 NmMax. torque at gripper Mx static1.5 NmMounting typeDirect mounting via through-holes		
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Max. torque at gripper My static 3 Nm   Max. torque at gripper Mz static 1.5 Nm   Product weight 779 g   Mounting type Direct mounting via through-holes		
Max. torque at gripper Mz static 1.5 Nm   Product weight 779 g   Mounting type Direct mounting via through-holes	, _,,	
Product weight 779 g   Mounting type Direct mounting via through-holes		
Mounting type Direct mounting via through-holes		
	Mounting type	
		Direct mounting via threads

**FESTO** 

## FESTO

Feature	Value	
	On mounting frame	
	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	
Material gripper jaws	High alloy steel, non-corrosive	