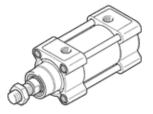
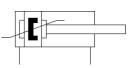
Standards-based cylinder DSBG-50-250-PPSA-N3 Part number: 1646731



Data sheet

| Stroke 250 mm Piston roi dimeter 50 mm Piston roi thread M16x1,5 Cushioning PPS: Self.adjusting pneumatic end-position cushioning Assembly position Ary Conforms to standard ISO 15552 Piston roid end Male thread Design structure Piston Position detection For proximity sensor Variants Single-ended pistor rod Operating pressure MPa 0.04 1.2 MPa Working pressure 0.4 1.2 MPa Working pressure 0.4 1.2 MPa 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 furthe operation) Corrosion resistance classification CRC 2. Moderate corrosion stress PWIS conformity VDMA:2364-B1/B2-L Cleanroom class 10 Impact energy in end positions 11 Cushoing mass with 0 mm stroke 365 g Additional mass factor per 10 mm of stroke 25 g Product weight 2.490 g Basic weight for 0 mm stroke 32 g Additional weight per 10 mm stroke 52 g Moving mass 990 g Moving mass factor per 10 mm of stroke <t< th=""><th></th><th>Value</th></t<> | | Value |
|--|---------------------------------|-------------------------------|
| Piston diameter 50 mm Piston rod thread M16x1,5 Cushioning PPS: Self-adjusting pneumatic end-position cushioning Assembly position Any Conforms to standard USO 15552 Piston rod end Male thread Design structure Piston Variants Single-ended piston rod Operating pressure MPa 0.412 MPa Working pressure 0.412 MPa Mode of operation double-acting Operating pressure difference 2 - Moderate corrosion stress Portion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24564.81/B2-L Cleanroom class 10 - Class 6 Ambit temporature -2080 °C Impact energy in end positions 1 J Cushioning length 1 J Theoretical force at 0.6 MPa (6 bar, 87 ps), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 ps), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 ps), netracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 ps), netracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 ps), netracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 ps), netracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 ps), ne | | 250 mm |
| Cushioning PPS: Self-adjusting pneumatic end-position cushioning Assembly position Any Conforms to standard ISO 15552 Piston rod end Male thread Design structure Piston rod Variants Single-ended piston rod Operating pressure MPa 0.04 1.2 MPa Working pressure 0.4 12 bar Mode of 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] Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364 B1/B2-L Clearnom class ISO class 6 Ambient temperature -20 80 °C Impact energy in end positions 11 Cushioning length 22 mm Theoretical force at 0.6 MPa (6 bar, 87 ps), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 ps), advance 1,178 N Moving mass 990 g Moving mass factor pr 10 mm of stroke | ameter | |
| Cushioning PPS: Self-adjusting pneumatic end-position cushioning Assembly position Any Conforms to stadard ISO 15552 Piston rod end Male thread Design structure Piston nod Tie rod Cylinder barrel Position detection For proximity sensor Variants Single-ended piston rod Operating pressure MPa 0.04 12 MPa Working pressure 0.4 12 MPa Mode of operation double-acting 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 Cubricated operation possible (subsequently required for furthe operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B1/B2-L Cleancom class 150 class 6 Ambient temperature -20 80 °C Inspace tenergy in end positions 1 Cushioning length <t< td=""><td>d thread</td><td>M16x1,5</td></t<> | d thread | M16x1,5 |
| Assembly position Any Conforms to standard ISO 15552 Piston-rod end Male thread Design structure Piston rod Tie rod Cylinder barrel Position detection For proximity sensor Variants Single-ended piston rod Operating pressure MPa 0.04 1.2 MPa Mode of operation double-acting 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 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 [7:4:4] Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Descretion for medium Ubiricated operation possible (subsequently required for furthe operation) Corrosion resistance classification CRC 2: M | ng | |
| Conforms to standard ISO 15552 Piston rod end Male thread Design structure Piston rod Tie rod Cylinder barrel Position detection For proximity sensor Variants Single-ended piston rod Operating pressure MPa 0.0412 MPa Working pressure 0.412 MPa Mode of operation double-acting 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 furthe operation) Corrosion resistance classification CRC 2 · Moderate corrosion stress PWIS conformity VDMA2364-B1/B2-L Cleanroom class ISO class 6 Ambient temperature -20 80 °C Impact energy in end positions 1] Cushioning length 22 mm Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 psi), advance 1,178 N Moving mass 990 g Moving mass 990 g Moving mass 25 g Product weight per 10 mm ofstroke 25 g | | |
| Piston-rod end Male thread Design structure Piston Piston Piston Piston detection For proximity sensor Variants Single-ended piston rod Operating pressure MPa 0.04 12 MPa Mode of operation double-acting 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] Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B1/B2-1 Cleanroom class ISO class 6 Ambient temperature -20 80 °C Impact energy in end positions 1 J Cushioning length 22 mm Theoretical force at 0.6 MPa (6 bar, 87 ps), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 ps), retracting 990 g Moving mass 990 g Moving mass 990 g Moving mass 950 g Additional weight per 10 mm stroke 25 g Product weight 2,490 g Basic weight for 0 mm stroke 1190 g Additional weight per 10 mm stroke 52 g | | |
| Design structure Piston rod Tie rod Cylinder barrel Position detection For proximity sensor Variants Single-ended piston rod Operating pressure MPa 0.4 1.2 MPa Working pressure 0.4 1.2 bar Mode of operation double-acting Operating and pilot medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium Cubricated operation possible (subsequently required for furthe operation) Corrosion resistance classification CRC 2 · Moderate corrosion stress PWIS conformity VDMA24364-B1/82-L Cleanroom class ISO class 6 Ambient temperature 20 80 °C Impact energy in end positions 1 J Cushioning length 22 mm Theoretical force at 0.6 MPa (6 bar, 87 ps), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 ps), advance 1,178 N Moving mass 990 g Moving mass 990 g Moving mass 990 g Basic weight for 0 mm stroke 25 g Product weight 2,490 g Basic weight for 0 mm stroke 25 g | d end | |
| Piston rodTie rodCylinder barrelPosition detectionFor proximity sensorVariantsSingle-ended piston rodOperating pressure MPa0.04 1.2 MPaWorking pressure0.4 1.2 MPaWorking pressure0.4 1.2 MPaMode of operationdouble-actingOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for furthe operation)Note on operating and pilot mediumLubricated operation possible (subsequently required for furthe operation)Corrosion resistance classification CRC2 · Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LCleanroon classISO class 6Ambient temperature-20 80 °CImpact energy in end positions1 JCushioning length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass with 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/14Material piston realTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod Wiper sealTPE-U(PU) | | |
| Cylinder barrelPosition detectionFor proximity sensorVariantsSingle-ended piston rodOperating pressure MPa0.04 1.2 MPaWorking pressure0.4 12 barMode of operationdouble-actingOperating mediumCompressed air in accordance with ISO8573-1:2010[7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for furthe operation)Corrosion resistance classification CRC2 · Moderate corrosion stressPWIS conformityVDMA24364-81/B2-LCleanroom classISO class 6Ambient temperature20 80 °CImpact energy in end positions1 JCushoing length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass factor pr 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke52 gMounting typewith internal (female) threadWith accessoriesOptionalPneumatic connection61/4Material piston sealTPE-U(PU)Material piston rodWrought Aluminum alloyMaterial piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | Piston rod |
| Position detection For proximity sensor Variants Single-ended piston rod Operating pressure MPa 0.04 12 MPa Working pressure 0.4 12 bar Mode of operation double-acting Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for furthe operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B1/B2-L Cleanroom class ISO class 6 Ambient temperature 20 80 °C Impact energy in end positions 1 J Cushioning length 22 mm Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 psi), advance 1,178 N Moving mass 990 g Moving mass factor per 10 mm of stroke 25 g Product weight 2,490 g Basic weight for 0 mm stroke 52 g Mounting type with internal (female) thread with accessories Optional Pneumatic connection G1/4 Material pist | | Tie rod |
| Position detection For proximity sensor Variants Single-ended piston rod Operating pressure MPa 0.04 12 MPa Working pressure 0.4 12 bar Mode of operation double-acting Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for furthe operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B1/B2-L Cleanroom class ISO class 6 Ambient temperature 20 80 °C Impact energy in end positions 1 J Cushioning length 22 mm Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 psi), advance 1,178 N Moving mass 990 g Moving mass factor per 10 mm of stroke 25 g Product weight 2,490 g Basic weight for 0 mm stroke 52 g Mounting type with internal (female) thread with accessories Optional Pneumatic connection G1/4 Material pist | | Cylinder barrel |
| Variants Single-ended piston rod Operating pressure MPa 0.04 12 MPa Working pressure 0.4 12 bar Mode of operation double-acting Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for furthe operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B1/B2-L Cleanrom class ISO class 6 Ambient temperature :20 80 °C Impact energy in end positions 11 Cushioning length 22 mm Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 psi), advance 1,178 N Moving mass 990 g Moving mass factor per 10 mm of stroke 25 g Product weight 2,490 g Basic weight for 0 mm stroke 52 g Mounting type with internal (female) thread with accessories Optional Pneumatic connection G1/4 Material note Conterd to RoHS Material piston rod TPE-U(PU) | detection | , |
| Operating pressure MPa 0.04 12 MPa Working pressure 0.4 12 bar Mode of operation double-acting 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 furthe operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B1/B2-L Cleanroom class ISO class 6 Ambient temperature -20 80 °C Impact energy in end positions 11 Cushioning length 22 mm Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 psi), advance 1,178 N Moving mass 990 g Moving mass with 0 mm stroke 25 g Product weight 2,490 g Basic weight for 0 mm stroke 52 g Mounting type with internal (female) thread with accessories Optional Pneumatic connection 61/4 Material piston seal TPE-U(PU) Material piston rod High alloy steel Material piston rod High alloy steel | | |
| Working pressure0.4 12 barMode of operationdouble-actingOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for furthe operation)Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LCleanroom classISO Class 6Ambient temperature-20 80 °CImpact energy in end positions1 JCushioning length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass52 gProduct weight2,490 gBasic weight for 0 mm stroke52 gAdditional weight per 10 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connection61/4Material soteConforms to RoHSMaterial piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | g pressure MPa | |
| Mode of operationdouble-actingOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumubricated operation possible (subsequently required for furthe operation)Corrosion resistance classification CRC2 · Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LCleanroom classISO class 6Ambient temperature-20 80 °CImpact energy in end positions1 JCushioning length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass uith 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Material piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | 0.4 12 bar |
| Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for furthe operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B1/B2-L Cleanroom class ISO class 6 Ambient temperature -20 80 °C Impact energy in end positions 1 J Cushioning length 22 mm Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting 990 N Moving mass 990 g Moving mass 990 g Moving mass with 0 mm stroke 365 g Additional mass factor per 10 mm of stroke 25 g Product weight 2,490 g Basic weight for 0 mm stroke 52 g Mounting type with internal (female) thread with accessories Optional Pneumatic connection G1/4 Material note Conforms to RoHS Material piston real TPE-U(PU) Material piston rod High alloy steel | | |
| Note on operating and pilot mediumLubricated operation possible (subsequently required for furthe operation)Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LCleanroom classISO class 6Ambient temperature-20 80 °CImpact energy in end positions1 JCushioning length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass with 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Material stoteConforms to RoHSMaterial piston nodHigh alloy steelMaterial piston rodHigh alloy steelMaterial piston rodHigh alloy steel | | - |
| operation)Corrosion resistance classification CRC2 - Moderate corrosion stressPWIS conformityVDMA24364-B1/B2-LCleanroom classISO class 6Ambient temperature-20 80 °CImpact energy in end positions1 JCushioning length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass with 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke52 gMounting typewith internal (female) threadwith accessoriesOptionalPheumatic connectionG1/4Material noteConforms to RoHSMaterial piston nodHigh alloy steelMaterial piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| PWIS conformityVDMA24364-B1/B2-LCleanroom classISO class 6Ambient temperature-20 80 °CImpact energy in end positions1 JCushioning length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass990 gMoving mass suith 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Material snoteConforms to RoHSMaterial piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rodHigh alloy steel | | |
| PWIS conformityVDMA24364-B1/B2-LCleanroom classISO class 6Ambient temperature-20 80 °CImpact energy in end positions1 JCushioning length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass990 gMoving mass suith 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Material snoteConforms to RoHSMaterial piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rodHigh alloy steel | n resistance classification CRC | 2 - Moderate corrosion stress |
| Cleanroom classISO class 6Ambient temperature-20 80 °CImpact energy in end positions1 JCushioning length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass with 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke52 gMounting typewith internal (female) threadwith accessoriesOptionalPneumatic connectionG1/4Material soteCoated die-cast aluminiumMaterial piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| Ambient temperature-20 80 °CImpact energy in end positions1 JCushioning length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass990 gMoving mass oppose365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke1,190 gAdditional weight per 10 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Material piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | , | |
| Impact energy in end positions I J Cushioning length I 22 mm Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting 990 N Theoretical force at 0.6 MPa (6 bar, 87 psi), advance I,178 N Moving mass 990 g Moving mass with 0 mm stroke 365 g Additional mass factor per 10 mm of stroke 25 g Product weight Basic weight for 0 mm stroke Additional weight per 10 mm stroke Additional weight per 10 mm stroke Additional weight per 10 mm stroke Pneumatic connection Pneumatic connection G1/4 Material ston Atterial piston rod High alloy steel Material piston rod High alloy steel Material piston rod High alloy steel Material piston rod wiper seal | | |
| Cushioning length22 mmTheoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass with 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke1,190 gAdditional weight per 10 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Material piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | • | |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), retracting990 NTheoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass with 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke1,190 gAdditional weight per 10 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Materials noteConforms to RoHSMaterial piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| Theoretical force at 0.6 MPa (6 bar, 87 psi), advance1,178 NMoving mass990 gMoving mass with 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke1,190 gAdditional weight per 10 mm stroke52 gMounting typewith internal (female) threadMounting typeOptionalPneumatic connectionG1/4Materials noteConforms to RoHSMaterial piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| Moving mass990 gMoving mass with 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke1,190 gAdditional weight per 10 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Materials noteConforms to RoHSMaterial piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| Moving mass with 0 mm stroke365 gAdditional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke1,190 gAdditional weight per 10 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Materials noteConforms to RoHSMaterial piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| Additional mass factor per 10 mm of stroke25 gProduct weight2,490 gBasic weight for 0 mm stroke1,190 gAdditional weight per 10 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Materials noteConforms to RoHSMaterial piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| Product weight2,490 gBasic weight for 0 mm stroke1,190 gAdditional weight per 10 mm stroke52 gMounting typewith internal (female) thread with accessories OptionalPneumatic connectionG1/4Materials noteConforms to RoHSMaterial piston sealTPE-U(PU)Material piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| Basic weight for 0 mm stroke 1,190 g Additional weight per 10 mm stroke 52 g Mounting type with internal (female) thread with accessories Optional Pneumatic connection G1/4 Materials note Conforms to RoHS Material cover Coated die-cast aluminium Material piston seal TPE-U(PU) Material piston rod High alloy steel Material piston rod wiper seal TPE-U(PU) | • | |
| Additional weight per 10 mm stroke 52 g Mounting type with internal (female) thread with accessories Optional Pneumatic connection G1/4 Materials note Conforms to RoHS Material cover Coated die-cast aluminium Material piston seal TPE-U(PU) Material piston rod High alloy steel Material piston rod wiper seal TPE-U(PU) | | |
| Mounting type with internal (female) thread with accessories Optional Pneumatic connection G1/4 Materials note Conforms to RoHS Material cover Coated die-cast aluminium Material piston seal TPE-U(PU) Material piston rod Wrought Aluminum alloy Material piston rod High alloy steel Material piston rod wiper seal TPE-U(PU) | | |
| with accessories OptionalPneumatic connectionG1/4Materials noteConforms to RoHSMaterial coverCoated die-cast aluminiumMaterial piston sealTPE-U(PU)Material pistonWrought Aluminum alloyMaterial piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | _ , | |
| OptionalPneumatic connectionG1/4Materials noteConforms to RoHSMaterial coverCoated die-cast aluminiumMaterial piston sealTPE-U(PU)Material pistonWrought Aluminum alloyMaterial piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| Pneumatic connection G1/4 Materials note Conforms to RoHS Material cover Coated die-cast aluminium Material piston seal TPE-U(PU) Material piston Wrought Aluminum alloy Material piston rod High alloy steel Material piston rod wiper seal TPE-U(PU) | | |
| Materials noteConforms to RoHSMaterial coverCoated die-cast aluminiumMaterial piston sealTPE-U(PU)Material pistonWrought Aluminum alloyMaterial piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | ic connection | |
| Material coverCoated die-cast aluminiumMaterial piston sealTPE-U(PU)Material pistonWrought Aluminum alloyMaterial piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| Material piston sealTPE-U(PU)Material pistonWrought Aluminum alloyMaterial piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | cover | |
| Material pistonWrought Aluminum alloyMaterial piston rodHigh alloy steelMaterial piston rod wiper sealTPE-U(PU) | | |
| Material piston rod High alloy steel Material piston rod wiper seal TPE-U(PU) | | |
| Material piston rod wiper seal TPE-U(PU) | • | |
| | | |
| Buffer seal material TPE-U(PU) | | TPE-U(PU) |
| Cushion piston material POM | | |
| Material cylinder barrel Smooth-anodised wrought aluminium alloy | • | |
| Material nut steel, galvanized | • | |
| Material bearing POM | | |
| Collar nut material Galvanized steel | | |
| Material tie rod High alloy steel | | |



FESTO