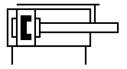
## Mini slide DGSS-16-5-E1A Part number: 8164068







General operating condition

Mounting position  Guide  Recirci Structural design  Position sensing  Symbol  Operating pressure  Operating pressure  Operating pressure  Operating pressure  1 bar .  Operating pressure  Operating are soure  Max. speed  Repetition accuracy  (= 0.3  Mode of operation  Operating medium  Operating medium  Compression on operating and pilot media  Operation resistance class (CRC)  LABS (PWIS) conformity  VDMA  Suitability for the production of Li-ion batteries  Ambient temperature  Impact energy in the end positions  O.03 J  Cushioning length  Any  Recirci  Recirci  Recirci  Poke  Piston  Slide  Por pre  Operating pressure  O 1 Mistor  Operating pressure  O 2.5 m/  Compression  Compressio	imity sensor  37 0.8 MPa 8 bar 116 psi
Piston diameter Cushioning Cushioning Elasto Mounting position Any Guide Recirc Structural design Yoke Piston Slide Position sensing Symbol Operating pressure Operat	ating ball bearing guide  od  imity sensor  37 0.8 MPa  8 bar 116 psi
Cushioning Elasto Mounting position Any Guide Recirc Structural design Yoke Piston Slide Position sensing For pro Symbol 00991 Operating pressure 0.1 Mf Operating pressure 1 bar . Operating pressure 14.5 p Max. speed 0.5 m/ Repetition accuracy = 0.3 Mode of operation 00991 Operating medium Composition Operating medium Operating medium Operating medium Composition on operating and pilot media Opera Corrosion resistance class (CRC) 1 - Lov LABS (PWIS) conformity VDMA Suitability for the production of Li-ion batteries Metals are explained and conformation on class Cleanroom class Class of Class of Cleanroom class Class of Class of Cleanroom class Class of Class of Cleanroom plength 0.03 J Cushioning length 0.65 m	ating ball bearing guide  od  imity sensor  37 0.8 MPa  8 bar 116 psi
Mounting position  Guide  Recirci Structural design  Position sensing  Symbol  Operating pressure  Operating pressure  Operating pressure  Operating pressure  1 bar .  Operating pressure  Operating are soure  Max. speed  Repetition accuracy  (= 0.3  Mode of operation  Operating medium  Operating medium  Compression on operating and pilot media  Operation resistance class (CRC)  LABS (PWIS) conformity  VDMA  Suitability for the production of Li-ion batteries  Ambient temperature  Impact energy in the end positions  O.03 J  Cushioning length  Any  Recirci  Recirci  Recirci  Poke  Piston  Slide  Por pre  Operating pressure  O 1 Mistor  Operating pressure  O 2.5 m/  Compression  Compressio	ating ball bearing guide  od  imity sensor  37 0.8 MPa  8 bar 116 psi
Guide Structural design Yoke Piston Slide Position sensing For pro Symbol Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating operating Max. speed Repetition accuracy (= 0.3 Mode of operation Operating medium Comprision on operating and pilot media Operating medium Information on operating and pilot media Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA Suitability for the production of Li-ion batteries Metals are explaited and conformation of the production of Li-ion batteries Celeanroom class Ambient temperature Impact energy in the end positions Operation Operating medium Ope	imity sensor  37 0.8 MPa 8 bar 116 psi
Structural design  Position sensing  For prosition sensing  For prosition sensing  Symbol  Operating pressure  Operating pressure  Operating pressure  1 bar .  Operating pressure  14.5 p  Max. speed  Repetition accuracy  Mode of operation  Operating medium  Comprising medium  Comprising medium  Corrosion resistance class (CRC)  LABS (PWIS) conformity  VDMA  Suitability for the production of Li-ion batteries  Metals are explated and conformed to the production of Li-ion batteries  Cleanroom class  Ambient temperature  Impact energy in the end positions  Cushioning length  Oogen  Oog 1  Oog 2  Oog 3  Oog 4  Oog 4	imity sensor  37 0.8 MPa 8 bar 116 psi
Piston Slide Position sensing For pro Symbol Operating pressure Operating medium Operating medium Operating medium Operating medium Operating resistance class (CRC) Operating pressure Operating medium Operating medium Operating medium Operating medium Operating on operating and pilot media Opera Corrosion resistance class (CRC) Operating pressure Operating medium Operating	imity sensor  37 0.8 MPa 8 bar 116 psi
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Operating pressure 14.5 p  Max. speed 0.5 m/ Repetition accuracy <= 0.3  Mode of operation Double operating medium Comprising medium Operating and pilot media Operation resistance class (CRC) 1 - Lov  LABS (PWIS) conformity VDMA  Suitability for the production of Li-ion batteries Metals are explated and conformation class Cleanroom class Class of Ambient temperature 10 °C  Impact energy in the end positions 0.03 J  Cushioning length 0.65 m	8 bar 116 psi nm
Deperating pressure  Max. speed  Repetition accuracy  Geo.3  Mode of operation  Double operating medium  Comprision resistance class (CRC)  LABS (PWIS) conformity  Suitability for the production of Li-ion batteries  Cleanroom class  Ambient temperature  Impact energy in the end positions  14.5 p  14.5 p  14.5 p  14.5 p  14.5 p  16.5 p  16.6 p  16.5	116 psi
Max. speed 0.5 m/ Repetition accuracy <= 0.3 Mode of operation Double Operating medium Comprision on operating and pilot media Opera Corrosion resistance class (CRC) 1 - Lov LABS (PWIS) conformity VDMA Suitability for the production of Li-ion batteries Metals are explated and conformation of the production of Li-ion batteries Cleanroom class Class (CRC) (Cleanroom class (Class (CRC) (Cleanroom class (CRC) (Cleanroom class (Class (CRC) (Cleanroom class (Class (CRC) (Cleanroom class (Class (CRC) (Cleanroom class (CRC) (CRC) (Cleanroom class (CRC) (CRC) (Cleanroom class (CRC) (CRC) (CRC) (Cleanroom class (CRC) (CRC	nm
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Mode of operation  Double Operating medium  Compile Information on operating and pilot media  Corrosion resistance class (CRC)  LABS (PWIS) conformity  VDMA Suitability for the production of Li-ion batteries  Metals are explated and conformity  Cleanroom class  Ambient temperature  Impact energy in the end positions  Cushioning length  Double  Compile	
Operating medium  Information on operating and pilot media  Corrosion resistance class (CRC)  LABS (PWIS) conformity  VDMA  Suitability for the production of Li-ion batteries  Metals are explated and conformity  Cleanroom class  Ambient temperature  Impact energy in the end positions  Cushioning length  Comprison  Comprison  1 - Lov  Comprison  2 - Lov  Comprison  3 - Lov  Comprison  4 - Lov  Comprison  5 - Lov  Comprison  6 - Lov  Comprison  1 - Lov  Comprison	
Information on operating and pilot media  Corrosion resistance class (CRC)  LABS (PWIS) conformity  VDMA  Suitability for the production of Li-ion batteries  Metals are explated and conformity  Cleanroom class  Ambient temperature  Impact energy in the end positions  Cushioning length  Opera  1 - Lov  1 - Lov  1 - Lov  2 - Lov  1 - Lov  2 - Lov  3 - Lov  4 - Lov  4 - Lov  5 - Lov  1 - Lov  6 - Lov  1 - Lo	acting
Corrosion resistance class (CRC)  LABS (PWIS) conformity  Suitability for the production of Li-ion batteries  Metals are explated and conformity  Cleanroom class  Class of the Ambient temperature  Impact energy in the end positions  Cushioning length  1 - Lov  2 - Lov  1 - Lov  2 - Lov  2 - Lov  3 - Lov  4 - Lov  4 - Lov  4 - Lov  5 - Lov  6 - Lov  6 - Lov  7 - Lov  7 - Lov  8 - Lov  9 - Lov  9 - Lov  1 - Lov  9 - Lov  9 - Lov  1 -	ssed air as per ISO 8573-1:2010 [7:4:4]
LABS (PWIS) conformity  Suitability for the production of Li-ion batteries  Metals are explated and conformity  Cleanroom class  Class of Ambient temperature  Impact energy in the end positions  Cushioning length  VDMA  Metals are explated and conformity  Class of the conformity of the end positions  O.03 J  Cushioning length	on with oil lubrication possible (required for further use)
Suitability for the production of Li-ion batteries  Metals are explated and confidence of the confiden	corrosion stress
are explated and confidence of the confidence of	4364-C1-L
Ambient temperature -10 °C Impact energy in the end positions 0.03 J Cushioning length 0.65 m	with more than 1% by mass of copper, zinc or nickel by mass uded from use. Exceptions are nickel in steel, chemically nickel- urfaces, printed circuit boards, cables, electrical plug connectors s
Impact energy in the end positions 0.03 J Cushioning length 0.65 m	according to ISO 14644-1
Cushioning length 0.65 m	. 60 °C
	1
Max. force Fy 925 N	
Max. force Fz 925 N	
Max. torque Mx 4.4 Nn	
Max. torque My 2.6 Nn	
Max. torque Mz 2.6 Nn	
Theoretical force at 6 bar, retracting 104 N	
Theoretical force at 6 bar, advancing 121 N	
Moving mass 86 g	

Feature	Value
Product weight	191 g
Type of mounting	With through-hole With internal thread
Pneumatic connection	M5
Note on materials	RoHS-compliant
Cover material	Wrought aluminum alloy
Seals material	NBR PU
Guide material	NBR PA High-alloy steel
Housing material	Wrought aluminum alloy
Piston rod material	High-alloy stainless steel