

# Pneumatic Cylinder Actuators Series B1 Metso

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#### **PNEUMATIC CYLINDER ACTUATORS, SERIES B1**

PNEUMATIC CYLINDER ACTUATORS, SERIES B1 Metso's Neles double acting and spring return B1-Series piston type actuators are designed for use in both modulating control and on-off service The series B1C and B1J are designed to ISO 5211/1 when Metso linkages are utilized These actuators offer an extremely long cycle life

#### **Pneumatic Cylinder Actuators Series B1 Datasheet**

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#### **Pneumatic cylinder actuator Series B1J/B1C**

Pneumatic cylinder actuator Series B1J/B1C, Rev 30, Safety Manual 3 1 Introduction This safety manual provides the functional safety related information required to integrate and use B-series pneumatic cylinder actuator in safety systems in compliance with ...

#### **EXPLODED VIEWS AND PARTS LISTS ACTUATORS B1C 6**

PNEUMATIC CYLINDER ACTUATORS, SERIES B1 TECHNICAL BULLETIN 10/17 5 6 B 20 EN Item Qty Description Materials 1 1 Housing Steel 2 1 Cover Steel 3 1 Lever arm Ductile iron + nickel 3A 1 Antistatic ring Brass 4 4 Connection arm Ductile iron 4A 1 Antistatic ring Stainless steel 5 2 Bearing unit Ductile iron + nickel 6 2 Cylinder base Ductile iron 7 1 Pointer cover Aluminum alloy 8 2 Cylinder

#### **PNEUMATIC CYLINDER ACTUATORS, SERIES B**

PNEUMATIC CYLINDER ACTUATORS, SERIES B 6 B 20 Issue 11/98 The Neles Controls double acting and spring return B-Series piston type actuators are designed for use in both modulat-ing control and on-off service The series B1C and B1J pro-vide for mounting in accordance with ISO 5211/1 These actuators offer an extremely long cycle life and are well

**Pneumatic linear actuators**

Series: SCxxx-xxx Area of application: Group II Equipment category 2GD Applicable in zones 1 and 2 Gases and vapours 21 and 22 Dust These instructions, which supplement the standard operating instructions, are intended to support and instruct users in the operation and maintenance of EBRO SC series pneumatic actuators in potentially

**PNEUMATIC ACTUATORS - Elfor Controls**

ELFOR CONTROLS EC Series are suitable for use in SIL 3 & 4 Elfor Controls offers the ability to perform SIL features according to the IEC61508 and IEC61511 standards Elfor Controls EC Series pneumatic actuators are certified SIL 3 without partial stroke system and ...

**Biffi Pneumatic Actuators, Models RPD/RPS**

RPD Pneumatic Actuator Pentair reserves the right to change the content without notice BIFRM-0017-EN-1305 Double acting pneumatic actuator for 90° operation for On-Off and Modulating heavy duty service General The RPD pneumatic actuator series was engineered and is manufactured to provide maximum torque output with minimum supply pressure

**G-SERIES ROTARY CYLINDER ACTUATORS - DeZURIK, Inc.**

DeZURIK offers G-Series cylinder actuators for use on eccentric plug valves (PEC) They're available in a double-acting style, either pneumatic or hydraulic supply G-Series cylinder actuators feature a rack-and-gear design for larger size rotary valves, where constant high torque capability throughout the stroke is required It is engineered

**B1 VALVES SERIES 70 - Pneumatiek**

The Series 70 forms part of Metal Work's full range of traditional valves They are available in sizes 1/8", 1/4", 3/8" and 1/2", versions 3/2, 5/2, 5/3 and double 3/2, with mechanical, manual, pneumatic and electric drives They can be installed in line, onto a wall, on the cylinder (using a special

**NB Series - ASCO**

Standard Series Information subject to change without notice For ordering information or regarding your local sales office visit [www.numatics.com](http://www.numatics.com) 6 NB SERIES Double Acting, Single Rod 13 B1\* + Stroke 013 R TYP Y TYP F Rod Dia C Bolt Circle P Port 2 4 H A E D - C'Bored J - Through Holes 4 places (2 places at positions 2 & 4 for 1/2" Bore

**A1 COMPACT CYLINDER SERIES CMPC - Ка Матик**

Ø also unitop b1 b2 b3 Øc Øc1 ch ch1 d Ød8 Øe h9 fg h h1l 32 47 325 32 198 - 161 12 8 10 17 485 115 6 4 445 75 37 4 40 56 38 42 233 - 20 12 8 10 17 575 115 6 4 455 75 38 45 actuators a1 a1 compact cylinder - series cmpc actuators a1 a1 compact cylinder - series cmpc compact cylinder - series cmpc compact cylinder - series cmpc compact cylinder - series cmpc

**DeZURIK G-SERIES CYLINDER ACTUATOR**

The G-Series Cylinder Actuator is a totally enclosed, quarter turn, pneumatic operated actuator Air Supply The supply pressure to the cylinder should be between 50 and 100 psi (344 and 689 kPa)

**Catalog HY03-1800-2US Hydraulic Rotary Actuators Parker ...**

1) Small pneumatic actuators for small parts handling, fixturing, etc 2) 69 bar (1000 psi) hydraulic actuators for machine tool, automotive equipment, and transfer lines 3) 207 bar (3000 psi) actuators for the mobile equipment industry Figure 5 Vane type rotary actuator In general, rack and pinion actuators have a thin profile, but are

**HEAVY DUTY PNEUMATIC AND HYDRAULIC ROTARY ACTUATOR**

All pneumatic rotary actuators have a maximum pressure rating of 150 psi [10 bar] air Most hydraulic rotary actuators have a maximum pressure rating of 1500 psi [100 bar], except as noted in the chart Minimum factor of safety at maximum rated hydraulic pressure for output shaft is 2:1, and for hydraulic chambers is 3:1 Consult

**Certificate - Certipedia**

Certificate No: V 50901/16 Product tested B1-Series Pneumatic Cylinder Actuators Certificate holder Metso Automation Inc Vanha Porvoontie 229 01380 Vantaa Finland Type designation B1C double acting series, B1J single acting series Codes and standards IEC 61508 Parts 1-2 and 4-7:2010 IEC 61511-1:2016 Intended application The safety function of the single acting actuator (B1J) is a quarter

**Data Sheet Actuators & Positioners - ABB Group**

Data Sheet D-AAP-UP\_E Actuators & Positioners Pneumatic Actuators Series UP1/2/3/4/5/6 Type UP1/2/3/4/5/6 Universal Rotary Actuator UP Pneumatic Wide Range of Torque Ratings - Six actuator sizes available in ratings from 122 to 6372 Newton