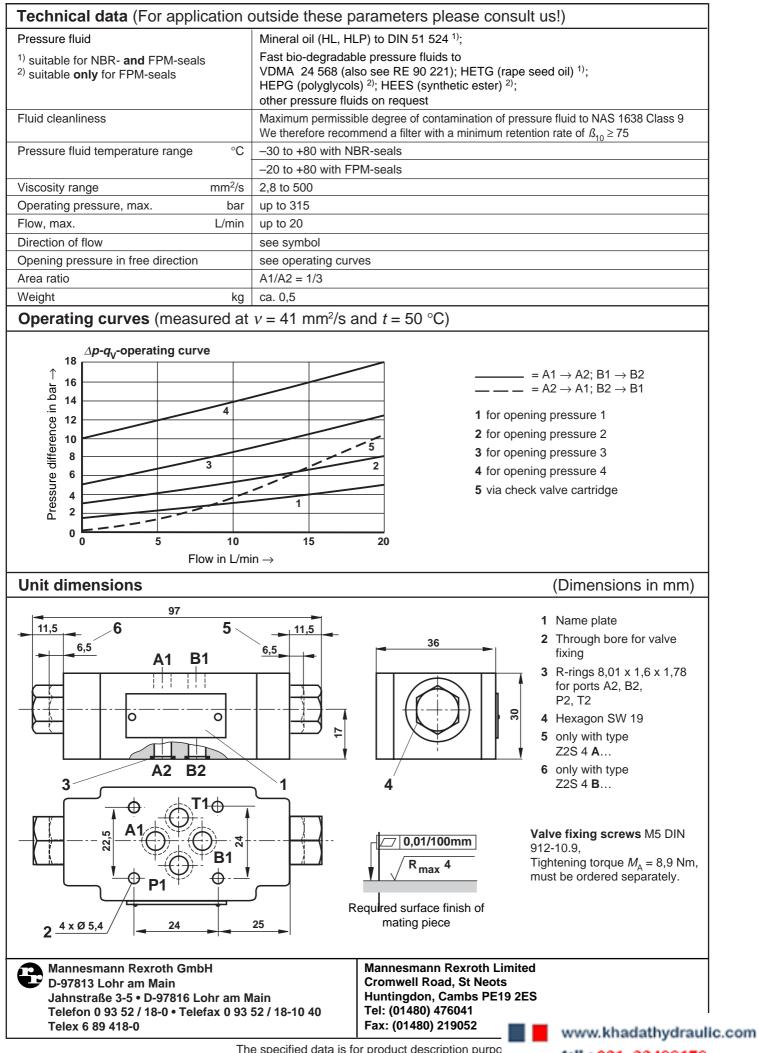
RE 21 540/12.95 Check valve, RE hydraulically pilot operated, MANNESMANN 21 540/12.95 Type Z2S 4, Series 1X REXROTH Replaces: 07.92 Size 4 up to 315 bar up to 20 L/min **Characteristics:** - Sandwich plate valve Mounting pattern to ISO 4401 and CETOP-RP 121 H - For leakage-free closure of one or two actuator ports, optional - For use in sandwich stacking systems - 4 different opening pressures, optional K 4942-7 Type Z2S 4-.-1X/... Function description, section The Z2S isolating valve is a hydraulically pilot operated check 3 1 valve in sandwich plate design. **B1** A1 It is used for the leakage-free closure of one or two actuator ports even during long standstill periods. There is free flow in direction A1 to A2 or B1 to B2, in the opposite direction the flow is blocked. If there is a flow through the valve in directions A1 to A2 or B1 to B2 the spool (1) is activated and moved to the right or the left. Thus it pushes the poppet (2) off the seat. Now pressure fluid may flow from B2 to B1 or from A2 to A1. A2 **B2** In order to enable the safe closure of the poppets (2) the actuator 2 1 Spool ports of the directional valve must be connected to tank when in 2 Poppet centre position (see circuit example). Area A1 3 Type Z2S 4-.-1X/... 4 Area A2 **Ordering Code** Valve types which result from the ^T1X Z2S 4 grey-shaded areas are available at Further details in clear text short notice! no code = NBR-seals V = FPM-seals Leakage-free closure in channels A and B = -(other seals on request) Leakage-free closure in channel A = A A Warning! Leakage-free closure in channel B = B Observe sealing suitability of pressure fluid used! Opening pressure1,5 bar = 1 Opening presure 3 bar = 2 1X = Opening pressure 7 bar = 3 Series 10 to 19 = 4 (10 to 19: unchanged installation and connection dimensions) Opening pressure10 bar **Symbols** ((1) = valve side, (2) = plate side) Circuit example Z2S 4 A.-1X/.. Z2S 4 -.-1X/.. 1 B2 2 B1 Z2S 4 B.-1X/.. 1 Ø (2) www.khadathydraulic.com

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2/2 MANNESMANN REXROTH The specified data is for product description purpo guaranteed unless expressly confirmed in the contrac www.khadathydraulic.com tell : 021- 33488178 fax : 021- 33488105