					RE 26 055/07.
MANNESMANN REXROTH	Direct Operated Sequence Valve Type DZ 5 DP, Series 1X			RE 26 055/07.92	
	Size 5	up to 3	15 bar	up to 15 L/min	Replaces: 03.84
 For subplate mounting, mounting pattern to DIN 2 for subplates, see RE 45 (separate order) Front flange mounting 5 pressure ranges 4 different setting element Rotary knob Sleeve with hexagon ar Lockable rotary knob with Rotary knob with scale Optional non return valve 	24 340, form C 050 nts: nd protective cap ith scale		K 3540/1 Type DZ \$	5 DP 3-1X/	
Description of Fund	ction, Section				
Valves type DZ 5 DP are direct operated sequence valves. They are used to direct oil to a second system at a set pressure.			When pressure in port P reaches the set value, the spool moves against the spring to connect port P to port A.		
Valves of this type consist basically of the housing (1), control spool (2), springs (3) and pressure setting element (4), and additionally per return value (5) if acquired			The signal for this passes internally via drilling (6) from port P.		
The pressure at which the valve passes oil is set at the pressure setting element (4). The springs (3) hold the control spool (2) in the starting position, and the valve remains closed. The pressure in port P passes via drilling (6) and jet (7) on to the spool operating area at the opposite end to the control springs (3).			 Oil now passes to the system connected to port A, but the pressure in port P does not fall. The pilot oil may also be fed externally via port B(X). Depending on the application of the valve, the pilot oil return may be externally via port T(Y) or internally. In order to allow free return flow of the oil from port A to port P non-return valve (5) may be included if required. 		
4		3	1		7 5

a-a

 $\begin{array}{c} \bigtriangledown \\ T(Y) \\ A \\ P \\ B(X) \end{array}$

a

A



is part of supply schedule

RE 26 055/07.92
ontional
ka 1.4
bar up to 210; without non-return valve up to 315 bar
bar up to 315
har up to 60
L/min 15
Mineral oils (HL, HLP) to Din 51 524; phosphate ester fluids (HFD-R)
°C – 30 to +80 (for NBR seals)
- 20 to +80 (for FPM seals)
mm ² /s 10 to 800
Maximum permissible degree of contamination of the fluid to NAS 1638 Class 9. We therefore recommend a filter with a minimum retention rate of $\mathcal{B}_{10} \ge 75$.
red at $v = 41 \text{ mm}^2/\text{s}$ and $t = 50 \text{ °C}$)
AC-Gruve via the integral no-return value
p _v min-Q-curve lowest permissible pressure setting related to flow

Unit Dimensions

