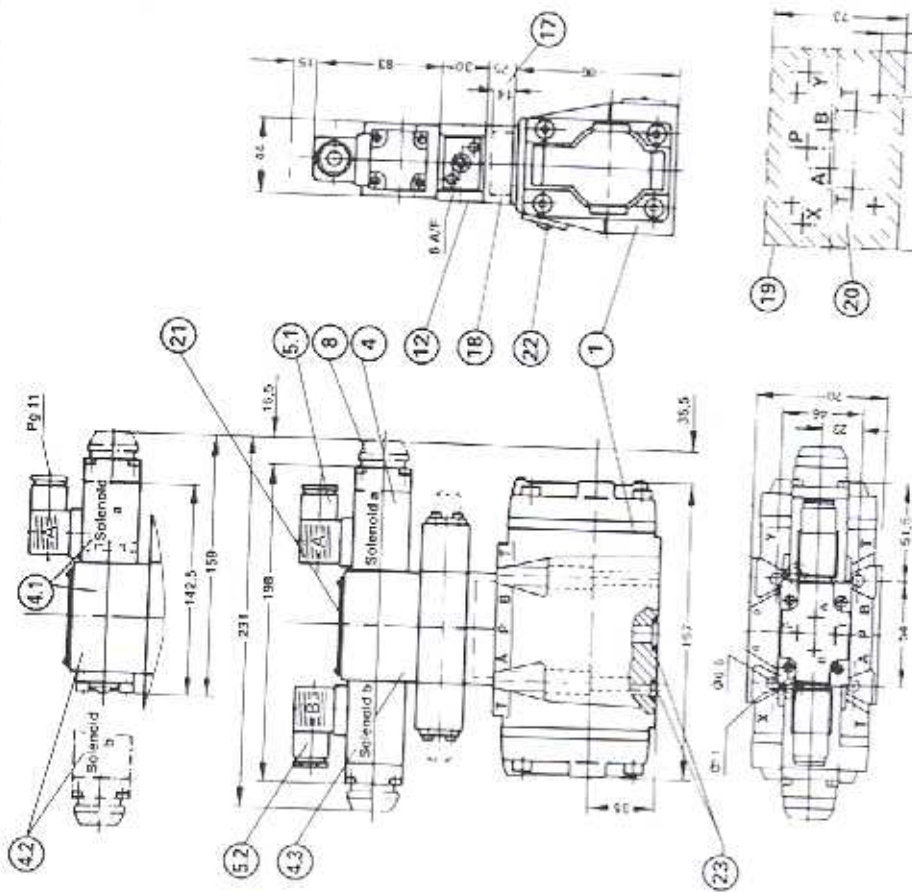


Unit Dimensions (Dimensions in mm)

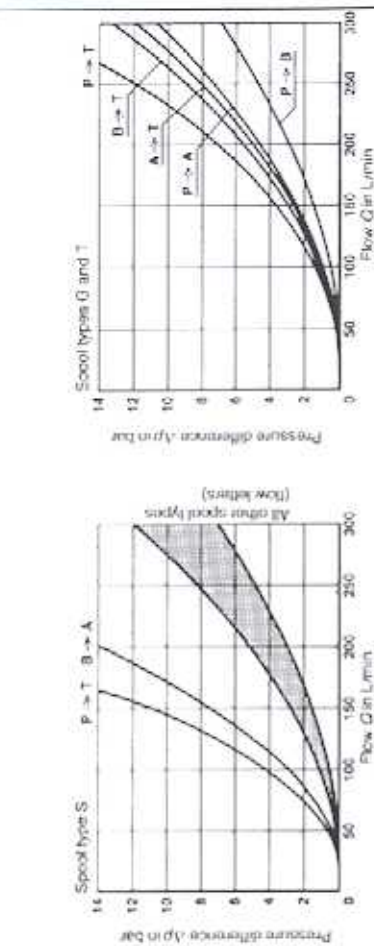
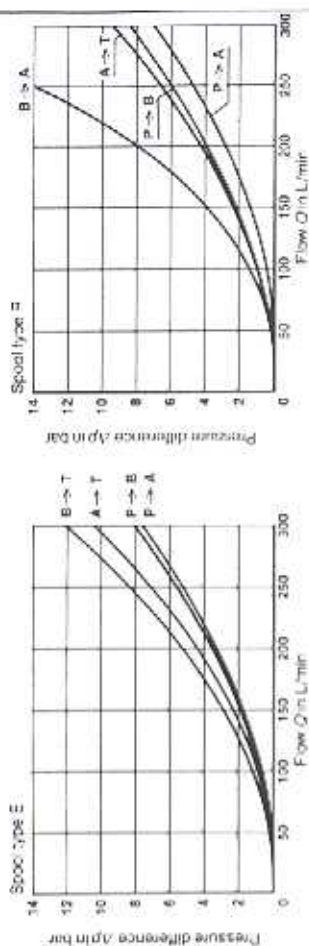
Type 4 WEH 10...



Required surface finish of mating piece when sub-plate not used

- 1 Main valve
- 4 Pilot valve 4 WE E to data sheet RE 23177 with angled plugs) 24 for other electrical connections see data sheet RE 38 000
- 4.1 Pilot valve 4 WE 6 D 53...A for spool types C, D, X, Z
- 4.2 Pilot valve 4 WE 8 Y 53...A for spool type Y
- 4.3 Pilot valve 4 WE 6 J 53...A for all S 303 bar 63005
- 5.1 Solenoid a, grey plug
- 5.2 Solenoid b, black plug
- B Optional emergency operation
- 12 Optional pilot choke adjustment
- 17 Height of cover plate for hydraulic operated valves
- 18 Optional pressure ratio valve
- 19 Machined valve mounting face
- 20 Picting pattern to DIN 24340 Form A-10 substitutes G 534 01 (3/4" BSP), G 535 01 (3/4" BSP), G 535 01 (1" BSP) and fixing screws M6 x 45 DIN 912-10.9, tightening torque 14 Nm, must be ordered separately to data sheet RE 45 054
- 21 Nameplate for pilot valve
- 22 Nameplate for comparsa valve
- 23 O-ring for ports P, A, B, T - 12 x 2 X, Y - 10,82 x 1,78

Type 4 WEH 16...



Power Limits (measured at v = 41 mm<sup>2</sup>/s and t = 50 °C)

Also see "general" on page 11.  
 Note:  
 When using hydraulically centred 4/3-way valves above the given power limits, a higher pilot pressure is required.  
 Thus, with an operating pressure of p = 350 bar and a flow of Q = 300 L/min, a pilot pressure of 16 bar is required.

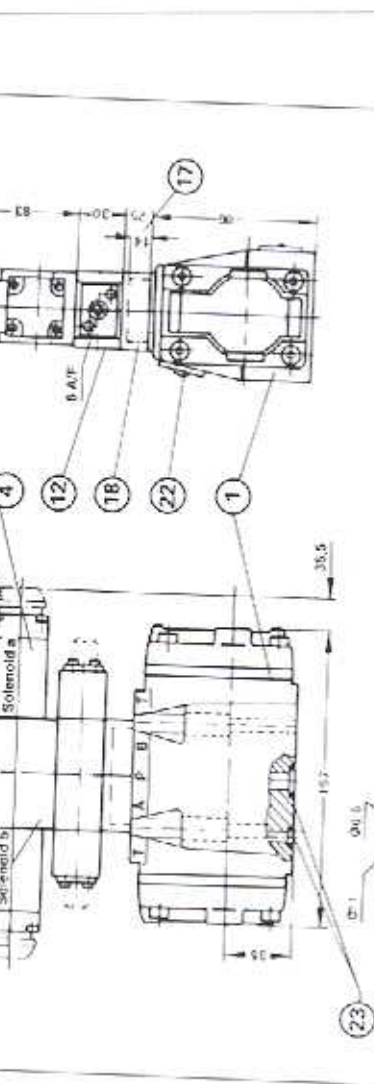
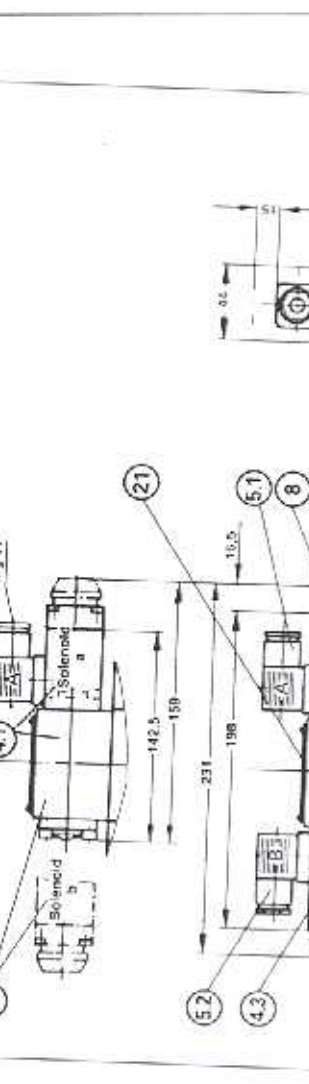
Flow Q for spool types	in L/min	Bar
E, H, J, L, M, Q, U, W, R	70   140   210   280   350	
F, P	500   250   180   170   150	
G, T	500   300   240   210   190	
S	300   300   300   250   220	
V	500   250   210   200   180	

3 position valve: spring centred  
 (at min. pilot pressure of 18 bar)

Flow Q for all spool types	in L/min	Bar
	300   300   300   300   300	

3 position valve: spring centred  
 (at min. pilot pressure of 15 bar)

1) The flow values shown are obtained with a min. pilot pressure of 12 bar



Type 4 WEH 16...

The max. flow of these valves is therefore only dependent on the actual pressure drop across in a valve particular system

Flow Q for spool types	in L/min	Bar
C, G, V, X, Z	70   140   210   280   350	

2 position valve: spring offset

Flow Q for spool types	in L/min	Bar
C	300   300   300   300   300	
D, Y	300   270   260   250   230	
X	300   250   240   230   210	
Z	300   280   190   180   150	

2 position valve: hydr. offset  
 HC, HD, HK, HZ, HY

2) The flow values shown are limiting values at which the springs will return the valve to its starting position (pilot pressure fall).

