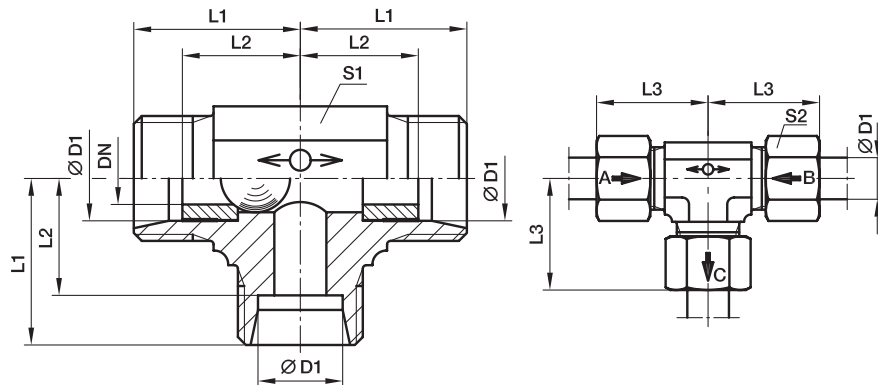


WV Alternating valve

EO 24° cone end / EO 24° cone end / EQ 24° cone end

These valves permit the passage of flow from either inlet 1 or 2 to the outlet port whilst shutting of the inlet port not in use. The shutting off, of an inlet is achieved by a floating ball bearing which moves by the pressure of the flow. The alternating valve is used as an automatic switching device for hydraulic fluids within an enclosed hydraulic circuit.



Material: steel
 Surface finish: Cr(VI)-free.

Valves are not recommended for compressed air and gases. WV-valves are not to be used in connection with weld nipples SKA, SKM or other components where there is no contact with a shoulder stop in the inner cone.

Temperature range without pressure reductions: -40°C up to +120°C.

Recommended fitting position as shown in the picture.

Leakage rate for alternating valves hydraulic test with test pressure = P_{max}: approx. 20 drops (test period of 1 minute).

Directions of flow:

D₁ → D₃ = D₂ closed
 D₂ → D₃ = D₁ closed

Series	D1	T1	DN	L1	L2	L3	S1	S2	Weight g/1 piece	Order code*	PN (bar) ¹⁾ CF
L ³⁾	8	M 14×1.5	4.5	21	14	29	14	17	53	WV08LOMD	160
	10	M 16×1.5	6.0	22	15	30	17	19	73	WV10LOMD	160
	12	M 18×1.5	7.5	24	17	32	19	22	96	WV12LOMD	160
	15	M 22×1.5	10.0	28	21	36	19	27	134	WV15LOMD	160

¹⁾ Pressure shown = item deliverable

³⁾ L = light series

$\frac{PN \text{ (bar)}}{10} = PN \text{ (MPa)}$

Delivery without nut and ring. Information on ordering complete fittings or alternative sealing materials see page 17.

*Please add the **suffixes** below according to the material/surface required.

Order code suffixes			
Material	Suffix surface and material	Example	Standard sealing material (no additional suffix needed)
Steel	CF	WV08LOMDCF	Steel ball