DESCRIPTION

The type “XVF4” identifies a 3/2 N.C. amplifier valve that changes low pressure signals into pneumatic signals (1 ÷ 8 bar).
Valve type “XVF5” is instead a 3/2 N.O. amplifier valve that changes negative pneumatic signals into pneumatic signals (1 ÷ 7 bar).
Both of them are suitable to pilot directly the valves series “UDS” and “UK” with the same mounting than solenoid valves series “UL”.
For single mounting there is the sub-base type “XVB” (see on page 2.11) while for manifold mounting there are the bases type “ULP” (see on page 2.10).

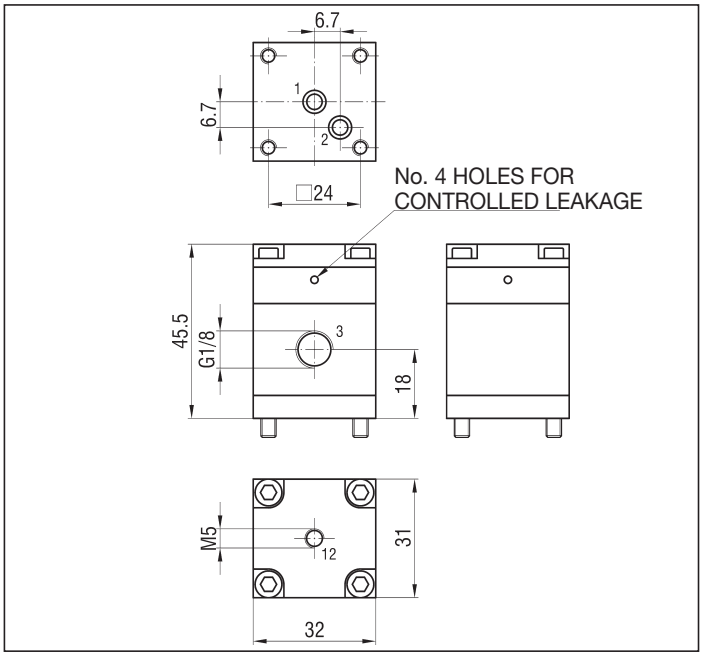
TECHNICAL DATA

Operating pressure	XVF4: 1 ÷ 8 bar XVF5: 1 ÷ 7 bar
Working temperature	0 ÷ +60 °C (10 °C)
Fluid	Filtered air, without lubrication. If lubricated air is used, lubrication should never be interrupted
Piloting pressure	XVF4: min 200; max 500 mbar XVF5: min -200; max -500 mbar
Maximum frequency	50 Hz
Flow rate	500 Nl/min a 6 bar
Controlled leakage consumption	1,4 Nl/min a 7 bar
Piloting hole	M5

MATERIALS

Control rod	Aluminium
Body	Anodized aluminium alloy
Springs	Phosphor bronze
Seals	NBR rubber
Washer	Aluminium
Fixing screws	White galvanized steel

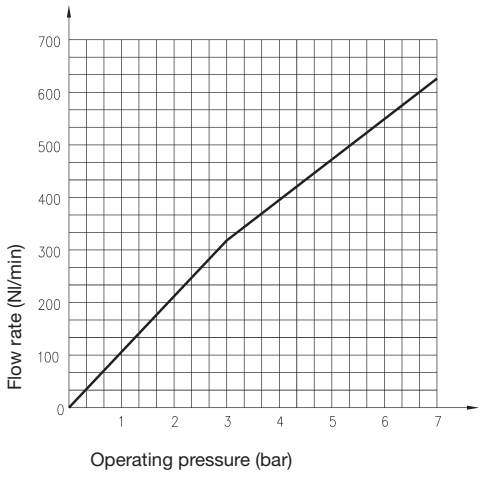
DIMENSIONS - XVF



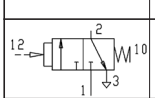
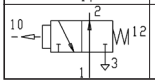
SPARE PARTS

SEALS KIT	
XVF	**XVF/SG/4-5**

FLOW CHART - XVF



3 PORT

Symbol	Function	Controls		Response times at 6 bar (ms)		Flow rate at 6 bar ΔP = 1 bar (Nl/min)	Weight (g)	TYPE
		Pilot	Return	Pilot	Return			
	3/2 N.C.	Pneumatic	Mechanical spring	26	38	500	10,5	XVF4
	3/2 N.O.	Vacuum	Mechanical spring	21	32	500	10,5	XVF5