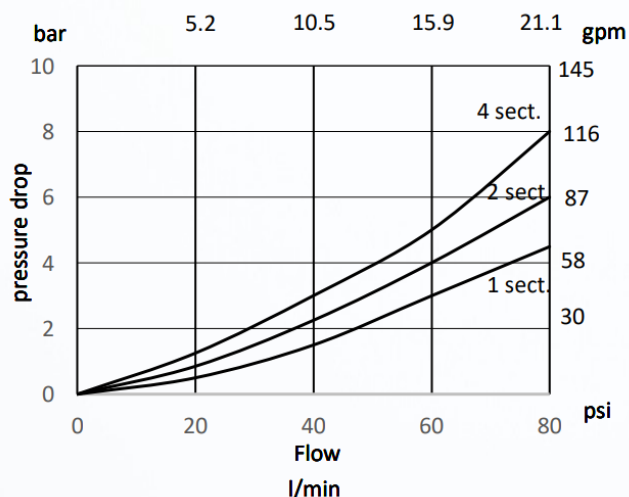


WORKING CONDITIONS

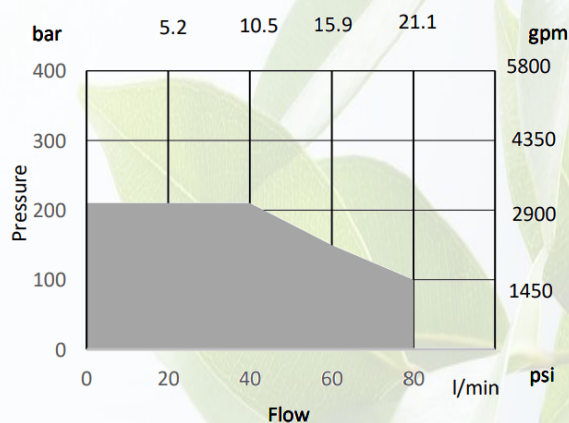
Number of available sections	Up to 4
Nominal flow rating	90 l/min
Operating pressure (max.)	210 bar 280 with drain line bar
Internal leakage (max.) A(B) to T $\Delta p = 100 \text{ bar (1450 psi)}$ fluid and valve at 40 °C (104 °F)	10 cm ³ /min
Fluid	Mineral based oil
Fluid temperature With NBR seals With FPM (Viton) seals	from -20° C to 80° C from -20° C to 100° C
Viscosity Operating range Min. Max.	from 15 to 75 mm ² /s 12 mm ² /s 400 mm ² /s
Max contamination level	19/17/14 - ISO 4406
Supply voltage	12/24 V
Max. allowable voltage variation	±10%
Power	60 W
Switching frequency	15 000 1/h
Ambient temperature Coil temperature	from -20° C to 50° C to 180° C
Duty cycle	Continuous
Tie rods tightening torque (wrench 13)	25 Nm

PRESSURE DROPS



MINIMUM DYNAMIC CONDITION

Supply is Vn-10% Tcoil > 50 C



STANDARD THREADS

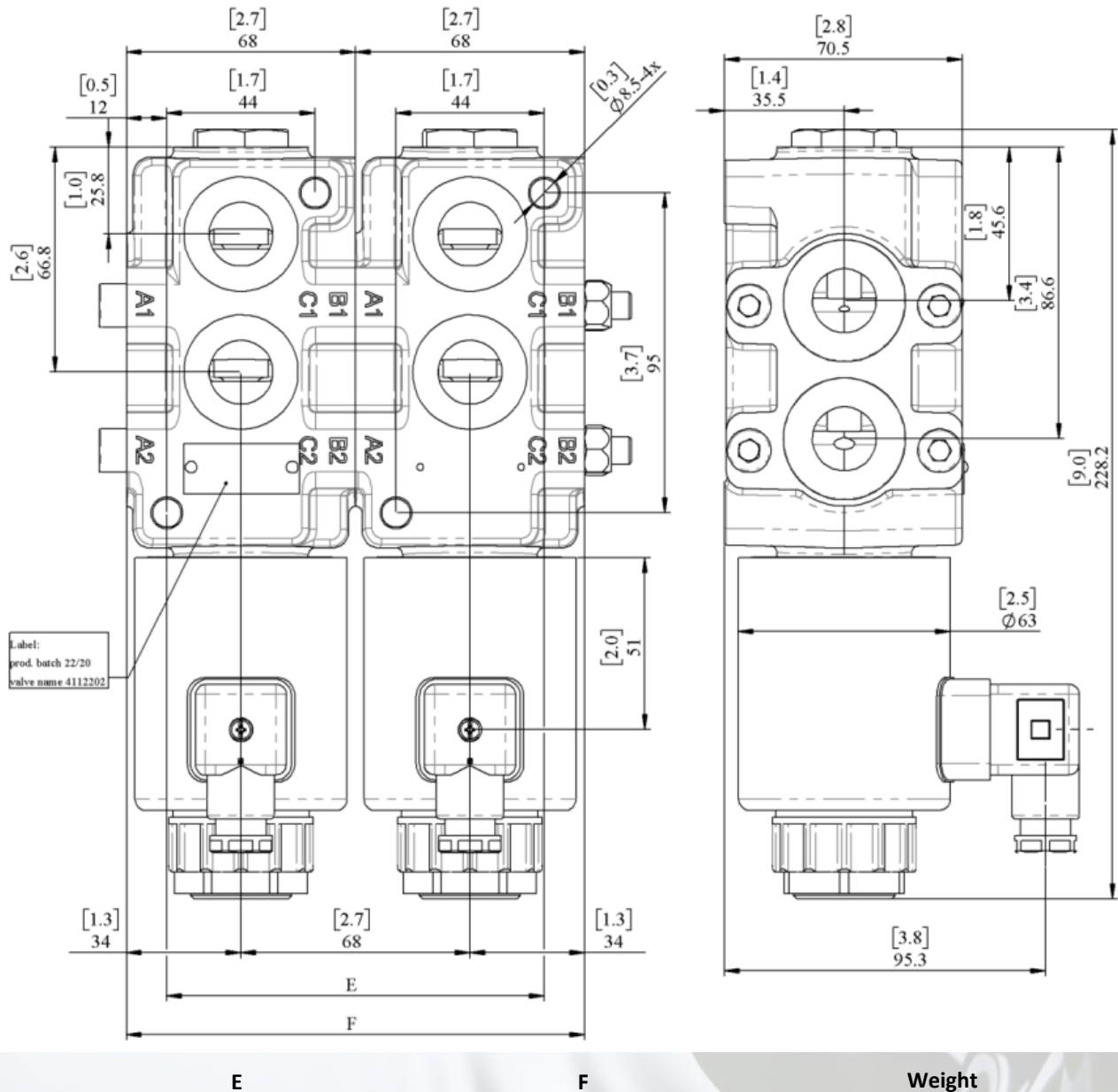
Reference standard

	BSP	UN-UNF	Metric	NPTF
Thread according to	ISO 228/1 BS 2779	ISO 263 ANSI B1.1 unified	ISO 262	Ansi B1.20.3
Cavity dimension according to	ISO 1179 SAE DIN 3852-2 (Shape X or Y)	11926 J1926	9974-1 J2244 3852-1 (Shape X or Y)	J476a

Port threadings and codes

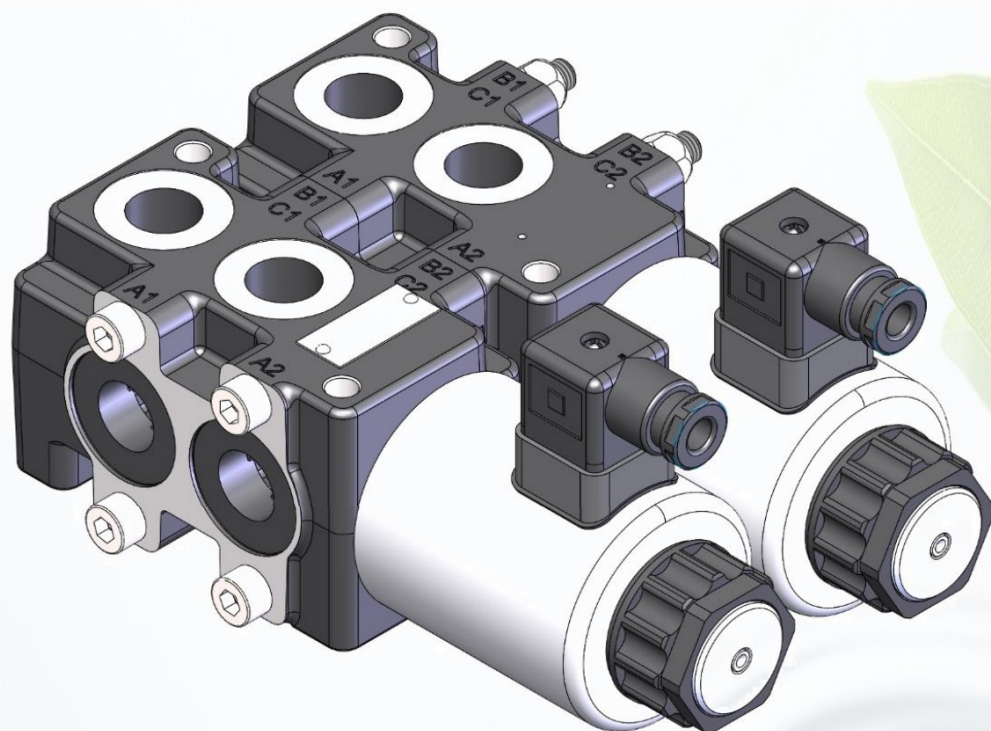
Ports "codes"	BSP "G"
Inlet A1, A2	G1/2
Working ports B1, B2, C1, C2	G1/2
Seals between sections	OR 26,7x1,78 NBR90

DIMENSIONAL DATA



TYPE	1/2"		3/4"		1"	
	mm	in	mm	in	kg	lb
SVV	44	1.7	68	2.7	3.2	7.1
2SVV	112	4.4	136	5.4	6.7	14.8
3SVV	180	7.1	204	8.0	10.2	22.5
4SVV	248	9.8	272	10.7	13.7	30.2

OPERATION AND HYDRAULIC SHEMES



HYDRAULIC SYMBOL (standard)



Selector valves type SVV with direct solenoid operation, control the direction of the hydraulic medium flow. They are mostly used as link between two consumers and the basic directional valve, when we want to control both consumers alternately by means of one basic directional valve.

The SVV type directional valves consist of a housing, a control spool, and a solenoid with return spring. Change-over to the operating position is done by energizing the solenoid, whereby the solenoid plunger acts on the control spool via the operating pin, thus clearing the corresponding flow ways and establishing respective links between the ports P1, A, B and P2. When the solenoid is de-energized, the control spool is returned to its neutral position by the return spring, thus establishing again the links between ports P1, C, D and P2. The change-over can also be done manually by pressing the emergency manual override.