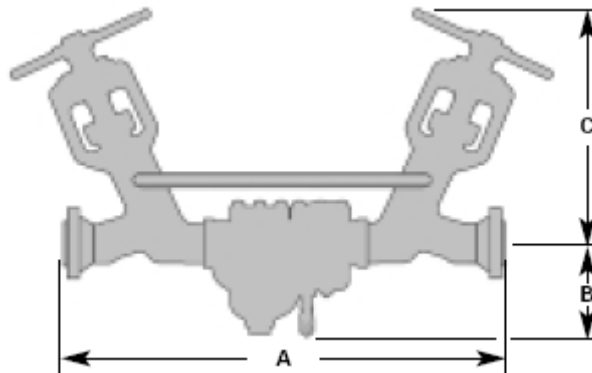


VELAN PIPING KING PACKAGE UNITS



SPF0-V-BY TO SPF7-V-BY
SP6-V-BY TO SP8-V-BY

ENGINEERING DATA

TYPE	PRESSURE RANGE psi/bar	ORIFICE in/mm	MAX. CAPACITY lb/h kg/h
SPF0-V-BY (1)(2)(3)	10-200 0.69-14	7/8 22	17,000 7,727
SPF1-V-BY (1)(2)(3)	10-350 0.69-24		19,000 8,636
SPF2-V-BY (1)(2)(3)	10-600 0.69-42		22,000 10,000
SPF3-V-BY (1)(2)(3)	10-1500 0.69-103		27,000 12,273
SPF4-V-BY (1)(3)	10-200 0.69-14	1 3/8 35	38,000 17,272
SPF5-V-BY (1)(3)	10-350 0.69-24		43,000 19,545
SPF6-V-BY (1)(3)	10-600 0.69-42		49,000 22,272
SPF7-V-BY (1)(3)	10-1500 0.69-103		63,000 28,636
SP6-V-BY (1)	10-200 0.69-14	2 51	90,000 40,909
SP7-V-BY (1)	10-600 0.69-42		130,000 59,090
SP8-V-BY (1)	10-1500 0.69-103		160,000 72,727

Material and maximum temperature:

- (1) A105/WCB, max. temp. 850°F (454°C) which is permissible, but not recommended for prolonged use above 800°F (426°C),
- (2) F22, max. temp. 1,050°F (565°C),
- (3) F316, max. temp. 1,000°F (537°C).

DIMENSIONS & WEIGHTS

TYPE	SIZE in/mm	A Face to Face			B Center to Bottom	C Center to Top	Weight lb/kg		
		SCR/SW	BW	FLG			SCR/SW	BW	FLG
SPF0-V-BY	1	19 ¹ / ₈	25 ¹ / ₈	23 ¹ / ₈ ⁽¹⁾	2 ¹¹ / ₁₆	11 ¹ / ₂	90 41	93 42	118 63
SPF1-V-BY	25	486	638	587	68	292			
SPF2-V-BY	1 ¹ / ₂	21 ³ / ₄	27 ³ / ₄	25 ³ / ₄ ⁽¹⁾	5 ³ / ₈	15 ⁹ / ₁₆	167 75	170 77	217 98
SPF3-V-BY ⁽¹⁾	40	552	705	654	137	395			
SPF4-V-BY	1 ¹ / ₂	22 ³ / ₄	28 ³ / ₄	26 ³ / ₄ ⁽²⁾	5 ³ / ₈	15 ⁹ / ₁₆	167 75	170 77	217 98
SPF5-V-BY	40	578	730	679	137	395			
SPF6-V-BY	2	24 ³ / ₄	30 ³ / ₄	28 ³ / ₄ ⁽²⁾	5 ³ / ₈	16 ¹¹ / ₁₆	275 125	275 125	286 130
SPF7-V-BY ⁽²⁾	50	629	781	730	137	424			
SP6-V-BY SP7-V-BY SP8-V-BY ⁽³⁾	2	32	38	36 ⁽³⁾	5 ³ / ₈ 137	16 ¹¹ / ₁₆ 424	275 125	275 125	286 130
	50	813	965	914					
	2 ¹ / ₂	38	38	38 ⁽³⁾					
	65	965	965	965					
	3	38	38	38 ⁽³⁾					
	80	965	965	965					

- (1) For SPF3-V-BY with Flanged Connection, A (face to face) for 1" is 23⁵/₈" (600 mm) and for 1¹/₂" is 26¹/₄" (669 mm).
- (2) For SPF7-V-BY with Flanged Connection, A (face to face) for 1¹/₂" is 27¹/₄" (692 mm) and for 2" is 31³/₄" (806 mm).
- (3) For SP8-V-BY with Flanged Connection, A (face to face) is 39" (991 mm) for all sizes.