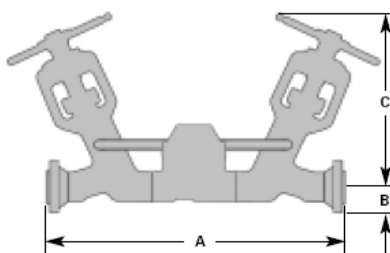


VELAN PIPING KING PACKAGE UNITS

TS-V-BY, TSF-V-BY & SF-V-BY



ENGINEERING DATA

TYPE	PRESSURE RANGE psi/bar	ORIFICE in/mm	MAX. CAPACITY lb/h kg/h
TS-V-BY (1)(2)	0-120 0-8	3/8 9.5	1,650 750
	0-250 0-17	5/16 8	1,500 682
	0-300 0-21	5/16 8	1,700 773
TSF-V-BY (1)	0-200 0-14	3/8 9.5	2,000 909
	0-485 0-33.5	1/4 6.5	1,400 636
	SF-V-BY (1)	0-50 0-3.5	3/4 19
0-150 0-10.4		1/2 12.7	3,250 1,477
0-300 0-21		1/2 12.7	4,500 2,045
0-400 0-28		3/8 9.5	3,100 1,409
0-600 0-42		5/16 8	2,600 1,182

Material and maximum temperature:
 (1) A105, max. temp. 850°F (454°C), which is permissible, but not recommended for prolonged use above 800°F (426°C).
 (2) F316, max. temp. 1,000°F (532°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
TS-V-BY	3/8 10								
	1/2 15	11 1/4 286	17 1/4 438	15 1/4 387	2 50	7 3/4 197	17 7.5	18 8	24 11
	3/4 20								
TSF-V-BY	1/2 15	11 5/8 295	17 5/8 448	15 5/8 397	2 50	7 3/4 197	29 13	30 14	35 16
	3/4 20								
SF-V-BY-50	1/2 15	13 3/8 340	19 3/8 492	17 1/8 435	2 50	7 3/4 197			
	3/4 20	14 5/8 371	20 5/8 524	18 3/8 467	2 1/4 57	8 9/16 217	40 18	42 19	48 22
	1 25	14 5/8 371	20 5/8 524	18 3/8 467	2 1/4 57	8 9/16 217			
	1/2 15	13 3/8 340	19 3/8 492	17 3/8 441	2 50	7 3/4 197			
SF-V-BY-150 SF-V-BY-300 SF-V-BY-400 SF-V-BY-600	3/4 20	13 3/8 340	19 3/8 492	17 3/8 441	2 50	7 3/4 197	40 18	42 19	48 22
	1 25	14 5/8 371	20 5/8 524	18 5/8 473	2 1/4 57	8 9/16 217			