



× INDICATES STANDARD CONSTRUCTION

MATERIAL/SIZE CODING	
X = A = (ALUMINUM) ×	
X = S6 = (316 STAINLESS STEEL)	
** = 25 = 1/4" & 1/4"/1/2" VALVES	
** = 57 = 1/2" & 3/4" VALVES	
** = 10 = 1" VALVES	
** = 15 = 1-1/2" VALVES	
** = 20 = 2" VALVES	
Ω = B = BACK PRESSURE	
Ω = P = PRESSURE RELIEF	
∅ = V = VITON ×	
∅ = E = OPTIONAL EPDM	
Φ = 25 = 1/4" VALVES	
Φ = 45 = 1/4"/1/2" VALVES	
Φ = 50 = 1/2" VALVES	
Φ = 75 = 3/4" VALVES	
Φ = 10 = 1" VALVES	
Φ = 15 = 1-1/2" VALVES	
Φ = 20 = 2" VALVES	
^ = S/S = (316 STAINLESS STEEL)	
^ = HASTC = (HASTELLOY C276)	
^ = ALL20 = (ALLOY20)	
⊗ = 5/16 = 1/4" & 1/4"/1/2" VALVES	
⊗ = 3/8 = 1/2" THRU 2" VALVES	
⊕ = 2H = 1/4" & 1/4"/1/2" VALVES	
⊕ = 5H = 1/2" THRU 2" VALVES	
◆ = 25-STLHP = 1/4" & 1/4"/1/2" VALVES	
◆ = 51 = 1/2" THRU 2" VALVES	
∇ = 25 = 1/4" & 1/4"/1/2" VALVES	
∇ = 51 = 1/2" THRU 2" VALVES	

ITEM#	QTY	DESCRIPTION	PART#
1	1	TOP	TVT-1 <u>X</u> -**
2	1	BODY	TV <u>Ω</u> -2 <u>^</u> - <u>Φ</u>
3	1	DIAPHRAGM	TVD-3- <u>**</u> - <u>∅</u>
4	1	KNOB	⊗ x 1-1/2CAP
5	1	SPRING	TVS-5- <u>⊕</u>
6	1	TOP DISC	TVTD-6- <u>⊕</u>
7	1	BOTTOM DISC	TVBD-7- <u>⊕</u>
8	4	BOLTS*	TV <u>Ω</u> B-8 -**
9	4	NUTS	TVN-9- <u>◆</u>
10	4	WASHERS	TVW-10- <u>∇</u>
11	1	GAUGE PLUG (OPTIONAL)	TVP-11- <u>^</u>

- UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART

\* 1/4" & 1/4"/1/2" VALVE  
(BACKPRESSURE AND PRESSURE RELIEF)  
USE ONLY PART NUMBER TVPB-8-25-STLHP

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**Primary Fluid Systems Inc.**

1050 Cooke Boulevard, Burlington, Ontario L7T 4A8

BACK PRESSURE & PRESSURE RELIEF VALVE

HIGH PRESSURE EXPLODED PARTS VIEW

SCALE	NTS	DISC	v12	DRAWN BY	BRB
DATE	06 06 05	APPROVED		DWG NO.	
PROJECT				EXTOPVALVEHP	REV.#
					3