



Peco Valves Pvt. Ltd.

ISO 9001 : 2008  
APPROVED BY IQRS



## FORGED STEEL GATE, GLOBE & CHECK VALVES

### FEATURES

Design : API 602 / BS 5352  
Testing : API 598 / BS 6755 Part 1  
Material : ASTM Specifications  
Molded per-compressed graphite ring packing varieties of trim combination.

**Note :**  
Unless specified, Valves shall be reduced bore.

**Optional :**

- Alternate investment cast valves in Stainless Steel
- Welded on flanged ends
- Seal welded bonnet, extended bonnet and bellow sealed bonnet

**Note** • (i) F/F : Face to Face (ii) CT : Centre to Top

### MATERIALS OF CONSTRUCTION

No	DESCRIPTION	A 105	F 304 / F 316
01	BODY	A 105	A 182 Gr. F 304 / F 316
02	SEAT RING	A 276	INTEGRAL / A 276 TP 304 / 316
03	PLUG / DISC / WEDGE	A 276 TP 410 / A 217 Gr. CA 15	A 276 TP 304 / 316
04	STEM	A 276 TP 410	A 276 TP 304 / 316
05	GASKET	SW SS = GRAPHITE	SW SS + GRAPHITE
06	BONNET / COVER	A 105	A 182 Gr. F 304 / F 316
07	JOINT BOLTS	A 193 Gr. B7	A 193 Gr. B7
08	GLAND PACKING	GRAPHITE RINGS	GRAPHITE RINGS
09	GLAND BUSH	A 276 TP 410	A 276 TP 304 / 316
10	GLAND FLANGE	A 105	A 105
11	EYE BOLTS & NUTS	A 307 Gr. B/A 563 Gr. A	A 307 Gr. B/A 563 Gr. A
12	YOKE SLEEVE / BUSH	A 439 Gr. D2C	A 439 GG. D2C
13	HAND WHEEL	MALLEABLE IRON	MALLEABLE IRON

### DIMENSIONS

CLASS 800		GATE VALVES													
		REDUCED BORE						STANDARD BORE							
SIZE NPS	(")	1/2	3/4	1	1 1/2	2	-	-	1/2	3/4	1	1 1/2	-		
L	F/F	mm	81	90	102	127	140	-	-	90	102	127	140	-	
H	Close	mm	155	160	180	235	245	-	-	160	180	235	245	-	
O	D/A	mm	85	85	90	150	150	-	-	85	90	150	150	-	
P	PORT	mm	9	12	18	30	36	-	-	12	18	23	36	-	
CLASS 800		GLOBE VALVES													
		REDUCED BORE						STANDARD BORE							
L	F/F	mm	81	90	102	127	140	-	-	90	102	127	140	-	
H	Close	mm	165	165	185	260	280	-	-	160	185	260	280	-	
O	D/A	mm	85	85	90	150	150	-	-	85	90	150	150	-	
P	PORT	mm	9	12	17.5	29.5	35	-	-	12	17.5	22.5	36	-	
CLASS 800		CHECK VALVES													
		REDUCED BORE						STANDARD BORE							
L	F/F	mm	81	90	102	127	140	-	-	90	102	127	140	-	
H	CT	mm	58	72	79	110	125	-	-	72	79	110	125	-	
P	PORT	mm	9	12	17.5	29.5	35	-	-	12	17.5	22.5	36	-	
CLASS 1500		GATE VALVES						GLOBE VALVES GBV 104E SERIES							
		STANDARD BORE						STANDARD BORE							
L	F/F	mm	90	102	127	140	-	-	-	90	102	127	140	-	
H	Close	mm	160	180	235	245	-	-	-	165	185	260	280	-	
O	DIA	mm	85	90	150	150	-	-	-	85	90	150	150	-	
P	PORT	mm	11.5	15	19.5	32	-	-	-	11	14.5	19	31	-	
CLASS 1500		CHECK VALVES CHV 117F SERIES						SOCKET / SCREWED END DETAILS							
		STANDARD BORE						Tolerance : D + 0.25, + 0							
L	F/F	mm	90	102	127	140	-	-	SIZE NPS (")	1/2	3/4	1	1 1/2	2	
H	CT	mm	72	79	110	125	-	-	D	mm	21.8	27.4	34.1	49	61.2
P	PORT	mm	11	14.5	19	31	-	-	L	mm	10	13	13	13	16
									L1	mm	14	14	17.9	18.5	19.5

