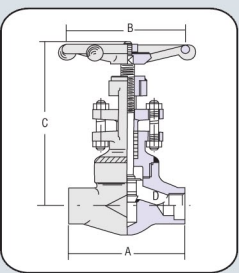


CLASS 800/PN14 MPa

BOLTED BONNET - REGULAR AND FULL PORT – BS 5352
Outside Screw & Yoke – Threaded & Socket Weld Ends

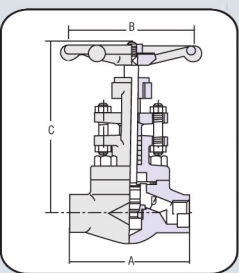
V40	r.port	-		1/2		3/4		1		1 1/4		1 1/2		2		-	
	f.port	1/4		3/8		1/2		3/4		1		1 1/4		1 1/2		2	
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to end	A	80	3.14	80	3.14	90	3.54	110	4.33	127	5.00	155	6.10	170	6.69	210	8.26
Handwheel	B	80	3.14	80	3.14	80	3.14	110	4.33	130	5.11	130	5.11	180	7.08	180	7.08
Center to top open	C	148	5.82	148	5.82	165	6.49	180	7.08	213	8.38	248	9.76	257	10.10	370	14.50
Dia.of port	D	7	0.28	9	0.35	13	0.51	17.5	0.69	22.5	0.89	29.5	1.16	35	1.37	45.5	1.79
Approx.weight	Kg/Lb	1.7	3.70	1.7	3.70	2.3	5.00	3.6	7.90	5.5	12.11	7.5	16.5	11.6	25.50	22	48.50



CLASS 800/PN14 MPa

WELDED BONNET - REGULAR AND FULL PORT – BS 5352
Outside Screw & Yoke – Threaded & Socket Weld Ends

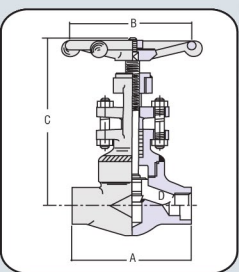
V40	r.port	-		1/2		3/4		1		1 1/4		1 1/2		2		-	
	f.port	1/4		3/8		1/2		3/4		1		1 1/4		1 1/2		2	
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to end	A	80	3.14	80	3.14	90	3.54	110	4.33	127	5.00	155	6.10	170	6.69	210	8.26
Handwheel	B	80	3.14	80	3.14	80	3.14	110	4.33	130	5.11	130	5.11	180	7.08	180	7.08
Center to top open	C	148	5.82	148	5.82	165	6.49	180	7.08	213	8.38	248	9.76	257	10.10	370	14.50
Dia.of port	D	7	0.28	9	0.35	13	0.51	17.5	0.69	22.5	0.89	29.5	1.16	35	1.37	45.5	1.79
Approx.weight	Kg/Lb	1.7	3.70	1.7	3.70	2.3	5.00	3.6	7.90	5.5	12.10	7.3	16.00	10.5	23.10	17.50	38.5



CLASS 1500/PN25 MPa

BOLTED BONNET - REGULAR AND FULL PORT – BS 5352
Outside Screw & Yoke – Threaded & Socket Weld Ends

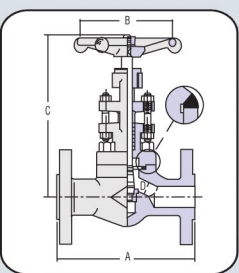
V40	r.port	-		1/2		3/4		1		1 1/4		1 1/2		2		-	
	f.port	1/4		3/8		1/2		3/4		1		1 1/4		1 1/2		2	
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to end	A	90	3.54	90	3.54	110	4.33	127	5.00	155	6.10	170	6.69	210	8.26	210	8.26
Handwheel	B	80	3.14	80	3.14	110	4.33	130	5.11	130	5.11	180	7.08	180	7.08	180	7.08
Center to top open	C	160	6.29	160	6.29	175	6.88	210	8.26	244	9.60	250	9.84	370	14.50	375	14.70
Dia.of port	D	7	0.28	9	0.35	13	0.51	17	0.67	21	0.83	28	1.10	33	1.30	37.5	1.48
Approx.weight	Kg/Lb	2.2	4.80	2.2	4.80	3.9	8.50	6	13.20	8	17.60	12	26.40	23.5	51.70	23	50.60



CLASS 1500/PN25 MPa

WELDED BONNET-REGULAR AND FULL PORT – API 602 – BS 5352
Outside Screw & Yoke – Threaded & Socket Weld Ends

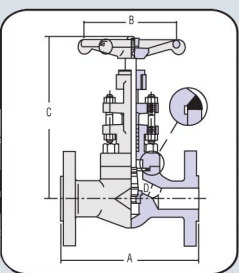
V40	r.port	-		1/2		3/4		1		1 1/4		1 1/2		2		-	
	f.port	1/4		3/8		1/2		3/4		1		1 1/4		1 1/2		2	
		mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
End to end	A	90	3.54	90	3.54	110	4.33	127	5.00	155	6.10	170	6.69	210	8.26	210	8.26
Handwheel	B	80	3.14	80	3.14	110	4.33	130	5.11	130	5.11	180	7.08	180	7.08	180	7.08
Center to top open	C	160	6.29	160	6.29	175	6.88	210	8.26	244	9.60	250	9.84	370	14.50	375	14.70
Dia.of port	D	7	0.28	9	0.35	13	0.51	17	0.67	21	0.83	28	1.10	33	1.30	37.5	1.48
Approx.weight	Kg/Lb	2.2	4.80	2.2	4.80	3.9	8.50	6	13.20	8	17.60	12	26.40	19	41.80	18.5	40.70



CLASS 150-300-600

BOLTED BONNET - REGULAR PORT – API 602 – BS 5352
Outside Screw & Yoke – Integral Flanged Ends Acc. To ASME B16.5

V40		r.port	1/4		3/8		1/2		3/4		1		1 1/4		1 1/2		2	
			mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
Class 150		A	-	-	-	-	108	4.25	117	4.64	127	5.00	-	-	165	6.49	203	7.99
Class 300		A	-	-	-	-	152	6.02	178	7.00	203	7.99	-	-	229	9.01	267	10.50
Class 600		A	-	-	-	-	165	6.49	190	7.51	216	8.50	-	-	241	9.48	292	11.50
Handwheel		B	-	-	-	-	80	3.14	80	3.14	110	4.33	-	-	130	5.11	180	7.08
Center to top open	Class 150/300	C	-	-	-	-	148	5.82	165	6.49	180	7.08	-	-	248	9.76	257	10.10
	Class 600	C	-	-	-	-	170	6.69	197	7.75	205	8.07	-	-	248	9.76	257	10.10
Dia. of port		D	-	-	-	-	9	0.35	13	0.51	17.5	0.69	-	-	29.5	1.16	35	1.37
Approx. weight	Class 150	Kg/Lb	-	-	-	-	3.4	7.50	4	8.80	5.7	12.50	-	-	10	22.00	17	37.4
	Class 300	Kg/Lb	-	-	-	-	4	8.80	5	11.00	7.3	16.10	-	-	14	30.8	20.5	45.10
	Class 600	Kg/Lb	-	-	-	-	4.5	9.90	5.5	12.10	7.6	16.70	-	-	15	33.00	21	46.20



CLASS 150-300-600

BOLTED BONNET - FULL PORT – API 602 – BS 5352
Outside Screw & Yoke – Integral Flanged Ends Acc. To ASME B16.5

V40		f.port	1/4		3/8		1/2		3/4		1		1 1/4		1 1/2		2	
			mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
Class 150		A	-	-	-	-	108	4.25	118	4.64	127	5.00	-	-	165	6.49	203	7.99
Class 300		A	-	-	-	-	153	6.02	178	7.00	203	7.99	-	-	229	9.01	267	10.50
Class 600		A	-	-	-	-	165	6.49	191	7.51	216	8.50	-	-	241	9.48	292	11.50
Handwheel		B	-	-	-	-	110	4.33	110	4.33	130	5.11	-	-	250	9.84	250	9.84
Center to top open	Class 150/300	C	-	-	-	-	245	9.64	273	10.70	295	11.60	-	-	410	16.10	440	17.30
	Class 600	C	-	-	-	-	170	6.69	200	7.87	250	10.00	-	-	285	11.20	320	12.60
Dia. of port		D	-	-	-	-	13	0.51	17.5	0.69	22.5	0.89	-	-	25	1.37	45.5	1.79
Approx. weight	Class 150	Kg/Lb	-	-	-	-	4.2	9.2	5.5	12.10	7.5	16.50	-	-	13.5	29.70	21	46.20
	Class 300	Kg/Lb	-	-	-	-	45.8	12.8	10.8	23.80	12.8	28.20	-	-	26.5	58.40	29	63.90
	Class 600	Kn/t h	-	-	-	-	6	13.20	10	22.00	14.5	32.00	-	-	27	59.40	30	66.00