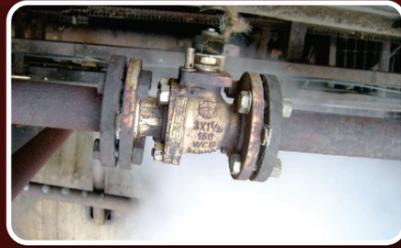
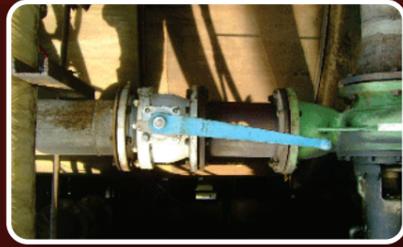


VALVES WORKING WELL ON LINE AT CUSTOMER PLACE FOR OVER 11 YEARS



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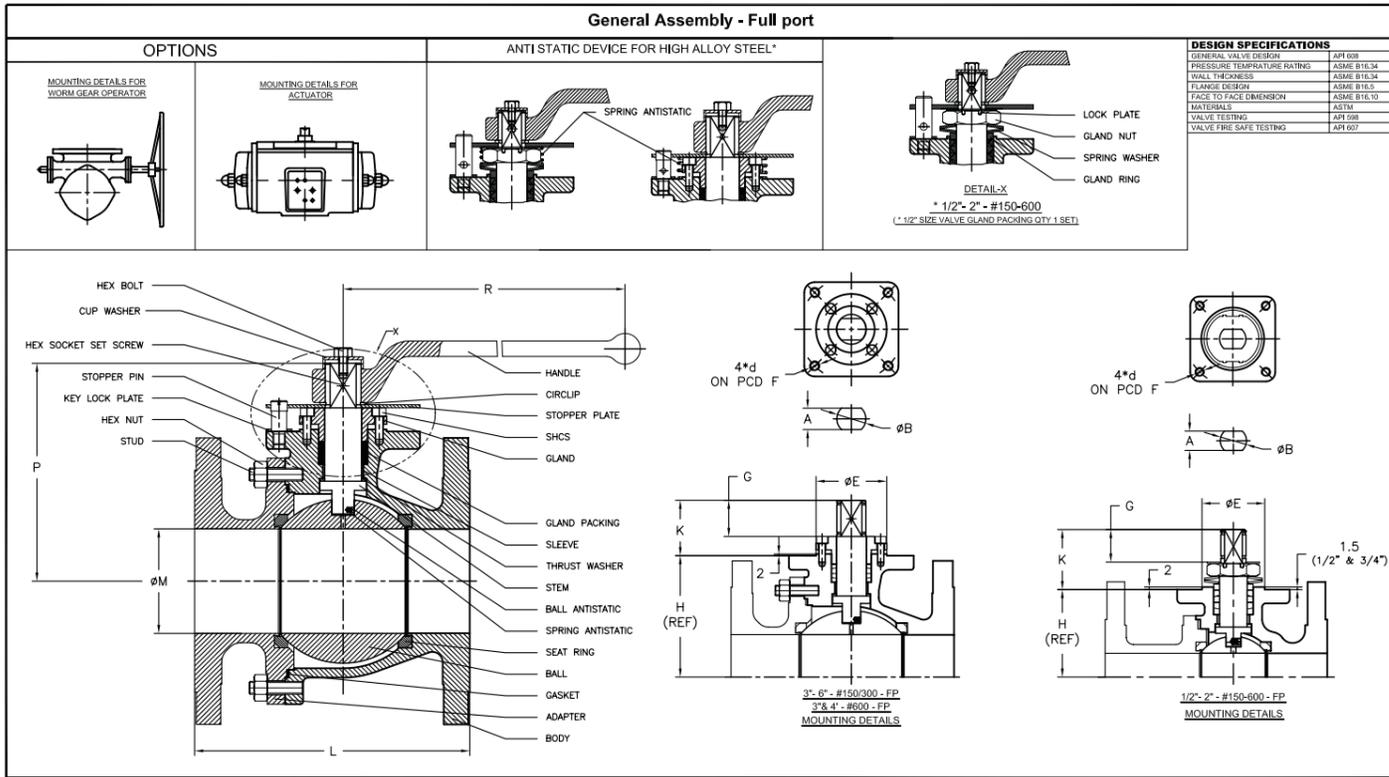
Phone : +(91) - 422 - 6556061
Email : srv@sriindia.net



FLOATING BALL VALVES

ISO 9001 : 2015 | PED | API 6D CERTIFIED

GENERAL ASSEMBLY - FULL PORT



DIMENSIONS - FULL PORT

Dimensions - Full port													
NOMINAL SIZE	A	h11	ØB h11	ØE h11	ØF	G	H (REF)	K	d	L	ØM	P	R
1/2"	INCH	0.315	0.40	0.98	1.42	0.67	1.10	1.16	M6	4.25	0.59	2.26	5.12
	mm	8	10.3	25	36	17	28	29.5		108	15	57.5	130
3/4"	INCH	0.315	0.40	0.98	1.42	0.67	1.24	1.16	M6	4.62	0.79	2.40	5.12
	mm	8	10.3	25	36	17	31.5	29.5		117.3	20	61	130
1"	INCH	0.39	0.55	1.38	1.97	0.79	1.89	1.52	M6	5.00	1.00	3.44	6.30
	mm	10	14	35	50	20	48	38.5		127	25.4	87.5	160
1 1/2"	INCH	0.55	0.79	2.17	2.75	1.02	2.75	1.89	M8	6.50	1.50	4.65	9.05
	mm	14	20	55	70	26	70	48		165.1	38	118	230
2"	INCH	0.55	0.79	2.17	2.75	1.02	3.17	1.89	M8	7.00	2.0	5.06	9.05
	mm	14	20	55	70	26	80.5	48		177.8	50.8	128.5	230
2 1/2"	INCH	0.67	1.02	2.75	4.01	1.40	4.13	2.30	M10	7.50	2.5	6.44	15.74
	mm	17	26	70	102	35.5	105	58.5		190.5	64	163.5	400
3"	INCH	0.67	1.02	2.75	4.01	1.40	4.45	2.30	M10	8.0	3.0	6.75	15.74
	mm	17	26	70	102	35.5	113	58.5		203.2	76.2	171.5	400
4"	INCH	0.91	1.32	3.35	4.92	1.69	5.75	2.60	M12	9.0	4.0	8.35	17.32
	mm	23	33.5	85	125	43	146	66		228.6	101.6	212	440
5"	INCH	0.91	1.32	3.35	4.92	1.69	5.75	2.60	M12	9.0	5.0	8.35	33.46
	mm	23	33.5	85	125	43	146	66		228.6	127	212	830
6"	INCH	1.06	1.56	3.94	5.51	1.95	7.64	3.01	M16	15.5	6.0	10.65	33.46
	mm	27	39.5	100	140	49.5	194	76.5		393.7	152.4	270.5	850

Dimensions - Full port													
NOMINAL SIZE	A	h11	ØB h11	ØE h11	ØF	G	H (REF)	K	d	L	ØM	P	R
1/2"	INCH	0.31	0.40	0.98	1.42	0.67	1.10	1.16	M6	5.50	0.59	2.26	5.12
	mm	8	10.3	25	36	17	28	29.5		139.7	15	57.5	130
3/4"	INCH	0.31	0.40	0.98	1.42	0.67	1.24	1.16	M6	6.00	0.79	2.40	5.12
	mm	8	10.3	25	36	17	31.5	29.5		152.4	20	61	130
1"	INCH	0.39	0.55	1.38	1.97	0.79	1.89	1.52	M6	6.5	1.0	3.44	6.30
	mm	10	14	35	50	20	48	38.5		165.1	25.4	87.5	160
1 1/2"	INCH	0.55	0.79	2.17	2.75	1.02	2.75	1.89	M8	7.5	1.5	4.65	9.05
	mm	14	20	55	70	26	70	48		190.5	38	118	230
2"	INCH	0.55	0.79	2.17	2.75	1.02	3.17	1.89	M8	8.5	2.0	5.06	9.05
	mm	14	20	55	70	26	80.5	48		216.9	50.8	128.5	230
2 1/2"	INCH	0.67	1.02	2.75	4.01	1.40	4.13	2.30	M10	9.5	2.5	6.44	15.75
	mm	17	26	70	102	35.5	105	58.5		241.3	64	163.5	400
3"	INCH	0.67	1.02	2.75	4.01	1.40	4.45	2.30	M10	11.12	3.0	6.75	15.75
	mm	17	26	70	102	35.5	113	58.5		282.4	76.2	171.5	400
4"	INCH	0.91	1.32	3.35	4.92	1.69	5.75	2.60	M12	12.0	4.0	8.35	33.46
	mm	23	33.5	85	125	43	146	66		304.8	101.6	212	850
5"	INCH	0.91	1.32	3.35	4.92	1.69	5.75	2.60	M12	12.0	5.0	8.35	39.37
	mm	23	33.5	85	125	43	146	66		304.8	127	212	1000
6"	INCH	1.06	1.56	3.94	5.51	1.95	7.64	3.01	M16	15.88	6.0	10.65	39.37
	mm	27	39.5	100	140	49.5	194	76.5		403.4	152.4	270.5	1000

BILL OF MATERIALS - FULL PORT

Bill Of Materials - Full port													
PART NAME	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	A 351-CF8	CF8M	A 351-CN7M*	A 351-CF3	CF3M	A 351-CG8M	CG3M*
ADAPTER	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	A 351-CF8	CF8M	A 351-CN7M	A 351-CF3	CF3M	A 351-CG8M	CG3M
GASKET**	PTFE		PTFE		PTFE		PTFE		PTFE		PTFE		PTFE
BALL	A 351-CF8M		A 351-CF8M		A 351-CF8M		A 351-CF8M		A 351-CN7M	A 351-CF3	CF3M	A 351-CG8M	CG3M
SEAT RING	RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%	RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%	
SPRING ANTI-STATIC	SS 304		SS 304		SS 304		SS 304	SS 316	SS 304	SS 316		SS 316	SS 316
BALL ANTI-STATIC	SS 304		SS 304		SS 304		SS 304	SS 316	SS 304	SS 316		SS 316	SS 316
STEM	A 276-316		A 276-316		A 276-316		A 276-316		A 351-CN7M	A 276-304L	316L	A 276-317	317L
THRUST WASHER	RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%	RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%	
SLEEVE	RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%	RTFE GLASS FILLED 25%		RTFE GLASS FILLED 25%	
GLAND PACKING**	PTFE		PTFE		PTFE		PTFE		PTFE		PTFE		PTFE
GLAND	A 276-304/A 351-CF8		A 276-304/A 351-CF8		A 276-304/A 351-CF8		A 351-CF8	CF8M	A 351-CN7M	A 351-CF3	CF3M	A 351-CG8M	CG3M
SHCS	A 193-GrB7		A 193-GrB7		A 193-GrB7		A 193-GrB8		A 193-GrB8	A 193-GrB8		A 193-GrB8	
STOPPER PLATE	STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL	STAINLESS STEEL		STAINLESS STEEL	
CIRCLIP	CARBON STEEL-C40		CARBON STEEL-C40		CARBON STEEL-C40		CARBON STEEL-C40		CARBON STEEL-C40	CARBON STEEL-C40		CARBON STEEL-C40	
HANDLE	CAST STEEL		CAST STEEL		CAST STEEL		CAST STEEL		CAST STEEL	CAST STEEL		CAST STEEL	
STUD	A 193-B7		A 193-B7		A 193-B7		A 193-B8		A 193-B8M	A 193-B8		A 193-B8M	
HEX NUT	A 194-2H		A 194-2H		A 194-2H		A 194-2H		A 194-8M	A 194-8		A 194-8M	
KEY LOCK PLATE	STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL	STAINLESS STEEL		STAINLESS STEEL	
STOPPER PIN	STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL	STAINLESS STEEL		STAINLESS STEEL	
HEX SOCKET SET SCREW	CARBON STEEL-C40		CARBON STEEL-C40		CARBON STEEL-C40		CARBON STEEL-C40		CARBON STEEL-C40	CARBON STEEL-C40		CARBON STEEL-C40	
GLAND RING	A 276-316		A 276-316		A 276-316		A 276-316		A 351-CN7M	A 276-304L	316L	A 276-317	317L
SPRING WASHER	STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL	STAINLESS STEEL		STAINLESS STEEL	
GLAND NUT	CARBON STEEL-C40		CARBON STEEL-C40		CARBON STEEL-C40		SS 316		SS 316	SS 316		SS 316	
LOCK PLATE	STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL		STAINLESS STEEL	STAINLESS STEEL		STAINLESS STEEL	
GEAR BOX	COMMERCIAL		COMMERCIAL		COMMERCIAL		COMMERCIAL		COMMERCIAL	COMMERCIAL		COMMERCIAL	
ACTUATOR	COMMERCIAL		COMMERCIAL		COMMERCIAL		COMMERCIAL		COMMERCIAL	COMMERCIAL		COMMERCIAL	
SPRING	SPRING STEEL		SPRING STEEL		SPRING STEEL		SPRING STEEL		SPRING STEEL	SPRING STEEL		SPRING STEEL	

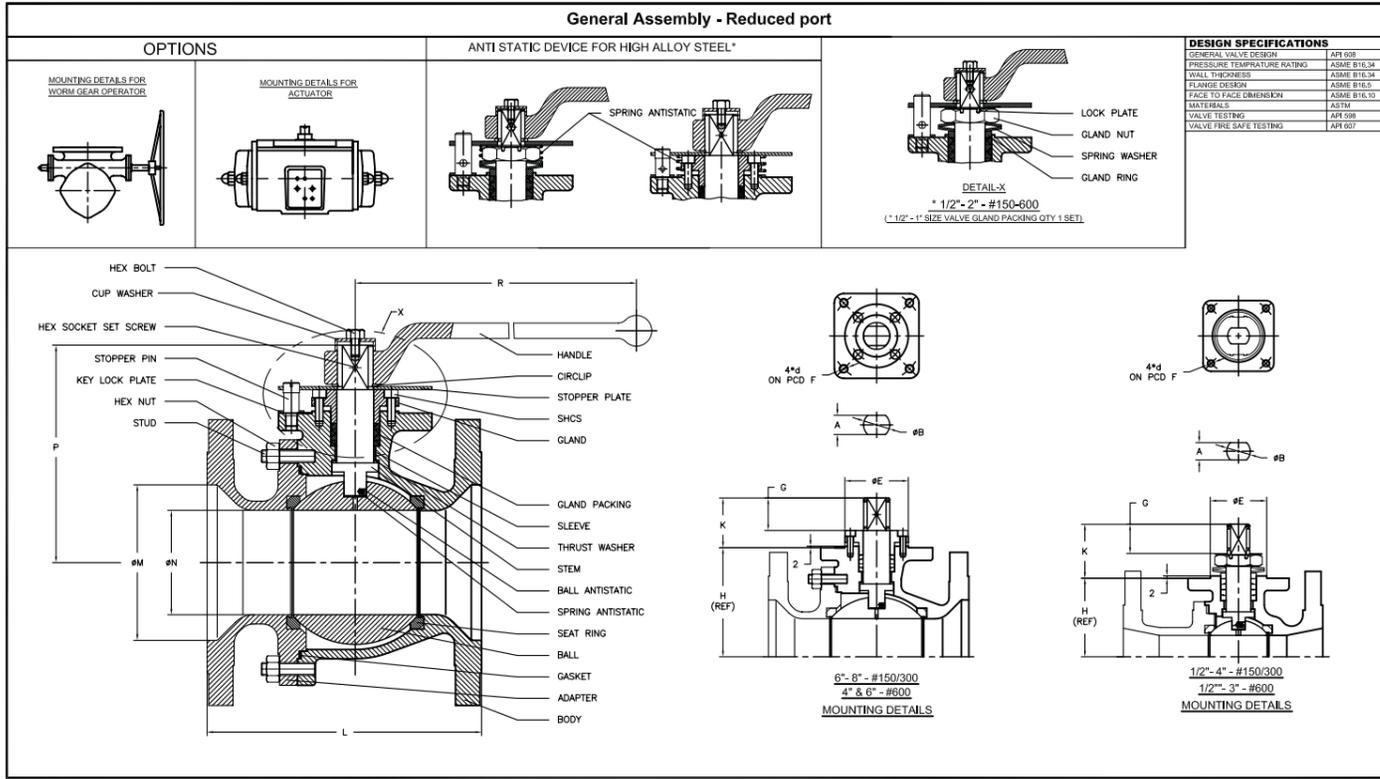
TECHNICAL DATAS - FULL PORT

Technical Datas - Full port						
CLASS 150						
SIZE	Kv	Cv	Torque		RF-Valve Weight (Approx.)	
INCH	mm	Cmph	Usgpm	Nm	lbs-ft	Kg
1/2	15	20.4	23.6	2.5	1.8	3.31
3/4	20	46.0	53.2	2.5	1.8	4.63
1	25	81.8	94.5	3.0	2.1	5
1 1/2	40	184.0	212.7	8.0	5.7	6.8
2	50	327.1	378.1	21.0	15.0	11.3
2 1/2	65	511.0	590.8	40.0	15.0	19.7
3	80	735.9	850.7	65.0	46.4	23.4
4	100	1308.2	1512.3	130.0	92.9	41.9
5	125	2363.0	2044.1	215.0	153.6	68.2
6	150	2943.5	3402.7	300.0	214.3	94.5

CLASS 600						
SIZE	Kv	Cv	Torque		RF-Valve Weight (Approx.)	
INCH	mm	Cmph	Usgpm	N mm	lbs-ft	Kg
1/2	15	20.4	23.6	10.0	7.1	4.2
3/4	20	46.0	53.2	12.0	8.6	5.5
1	25	81.8	94.5	17.2	12.3	7
1 1/2	40	184.0	212.7	48.9	34.9	14
2	50	327.1	378.1	140.0	100.0	19.5
2 1/2	65	511.0	590.8	260.0	185.7	25
3	80	735.9	850.7	325.0	232.1	39
4	100	1308.2	1512.3	1050.0	750.0	187.0

CLASS 300						
SIZE	Kv	Cv	Torque		RF-Valve Weight (Approx.)	
INCH	mm	Cmph	Usgpm	Nm	lbs-ft	Kg
1/2	15	20.4	23.6	5.0	3.6	1.7
3/4	20	46.0	53.2	6.0	4.3	2.1
1	25	81.8	94.5	8.5	6.1	5
1 1/2	40	184.0	212.7	24.0	17.1	6.8
2	50	327.1	378.1	35.0	25.0	15
2 1/2	65	511.0	590.8	91.0	65.0	22
3	80	735.9	850.7	100.0	71.4	51
4	100	1308.2	1512.3	295.0	210.7	92
5	125	2363.0	2044.1	747.5	533.9	106.5
6	150	2943.5	3402.7</			

GENERAL ASSEMBLY - REDUCED PORT



DIMENSIONS - REDUCED PORT

Dimensions - Reduced port														
NOMINAL SIZE	A	h11	ØB h11	ØE h11	ØF	G	H (REF)	K	d	L	ØM	ØN	P	R
1/2"	INCH	0.315	0.40	0.98	1.42	0.67	1.10	1.16	M6	4.25	0.59	—	2.26	5.12
	mm	8	10.3	25	36	17	28	29.5		108.0	15	—	57.5	130
3/4"	INCH	0.315	0.40	0.98	1.42	0.67	1.24	1.16	M6	5.00	0.79	0.59	3.44	5.12
	mm	8	10.3	25	36	17	31.5	29.5		127.0	20.0	15	87.5	130
1"	INCH	0.315	0.40	0.98	1.42	0.67	1.24	1.16	M6	5.00	1.00	0.79	3.44	5.12
	mm	8	10.3	25	36	17	31.5	29.5		127.0	25.4	20.0	87.5	130
1 1/2"	INCH	0.39	0.55	1.38	1.97	0.79	1.91	1.53	M6	6.50	1.50	1.10	3.44	6.30
	mm	10	14	35	50	20.0	48.5	39.0		165.1	38	28	87.5	160
2"	INCH	0.55	0.79	2.17	2.76	1.02	2.76	1.89	M8	7.00	2.00	1.50	4.64	9.05
	mm	14	20	55	70	26.0	70	48		177.8	50.8	38	118	230
2 1/2"	INCH	0.55	0.79	2.17	2.76	1.02	3.17	1.89	M8	7.50	2.50	2.00	5.06	15.74
	mm	14	20	55	70	26.0	80.5	48		190.5	64	50.8	128.5	400
3"	INCH	0.67	0.94	2.17	2.76	1.42	3.27	2.58	M8	8.00	3.00	2.00	5.85	15.74
	mm	17	24	55	70	36	83	65.5		203.2	76	50.8	148.5	400
4"	INCH	0.67	0.94	2.17	2.76	1.42	4.13	2.58	M8	9.00	4.00	3.00	6.71	15.74
	mm	17	24	55	70	36	105	65.5		228.6	101.6	76	170.5	400
5"	INCH	0.91	1.32	3.35	4.92	1.69	5.75	2.60	M12	10.00	5.0	4.0	8.35	20.07
	mm	23	33.5	85	125	43.0	146	66.0		254	127	101.6	212	510
6"	INCH	0.91	1.32	3.35	4.92	1.71	5.75	2.62	M12	10.50	6.00	4.0	8.37	20.07
	mm	23	35	85	125	43.5	146	66.0		266.7	152	101.6	212.5	510
8"	INCH	1.06	1.57	3.94	5.51	1.94	7.64	3.03	M16	11.50	6.00	6.00	10.67	39.37
	mm	27	40	100	140	49.5	194	77.0		292.1	203.2	152	271	1000

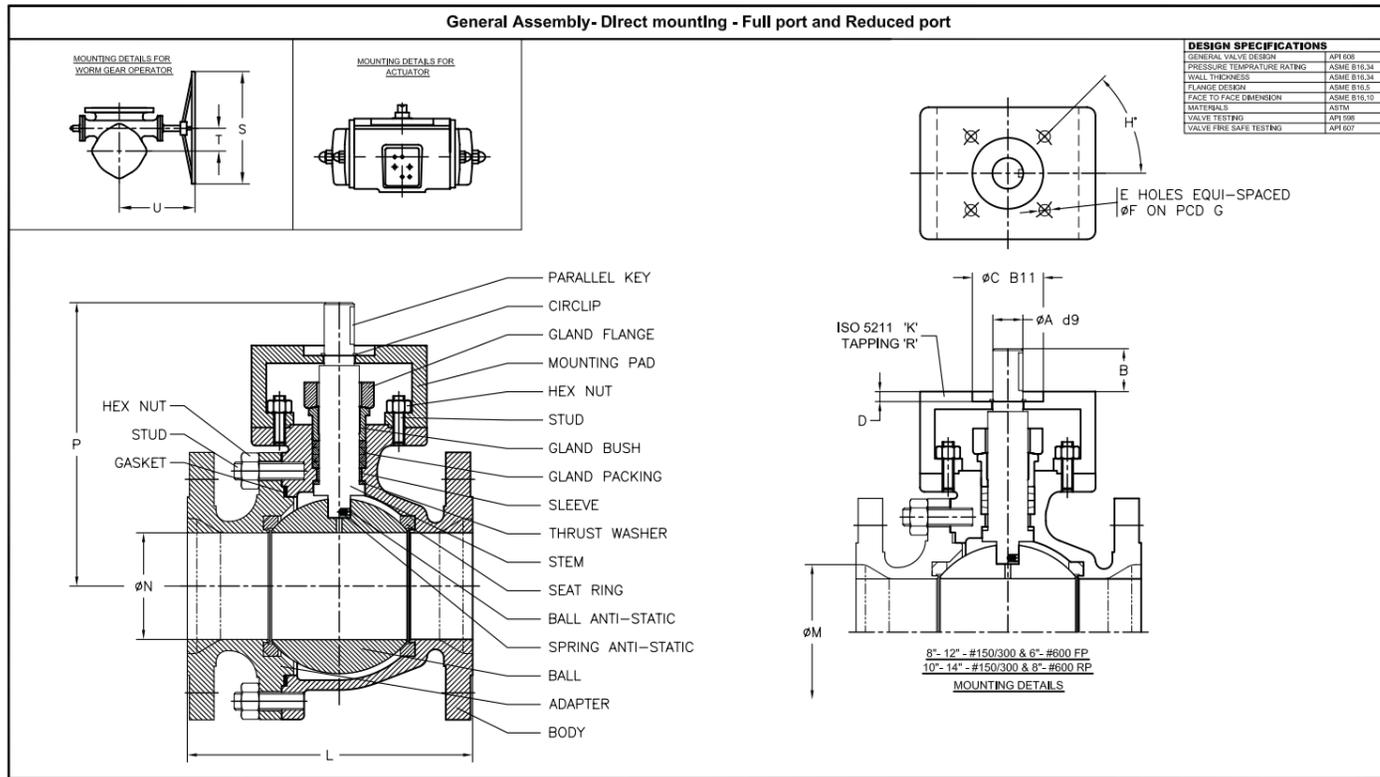
NOMINAL SIZE	A	h11	ØB h11	ØE h11	ØF	G	H (REF)	K	d	L	ØM	ØN	P	R
1/2"	INCH	0.315	0.40	0.98	1.42	0.67	1.10	1.16	M6	4.25	0.59	—	2.26	5.12
	mm	8	10.3	25	36	17	28	29.5		108.0	15	—	57.5	130
3/4"	INCH	0.315	0.40	0.98	1.42	0.67	1.24	1.16	M6	5.00	0.79	0.59	3.44	5.12
	mm	8	10.3	25	36	17	31.5	29.5		127.0	20.0	15	87.5	130
1"	INCH	0.315	0.40	0.98	1.42	0.67	1.24	1.16	M6	5.00	1.00	0.79	3.44	5.12
	mm	8	10.3	25	36	17	31.5	29.5		127.0	25.4	20.0	87.5	130
1 1/2"	INCH	0.39	0.55	1.38	1.97	0.79	1.91	1.56	M6	6.50	1.50	1.10	3.44	6.30
	mm	10	14	35	50	20.0	48.5	39.5		165.1	38	28	87.5	230
2"	INCH	0.55	0.79	2.17	2.76	1.02	2.76	1.89	M8	7.00	2.00	1.50	4.64	9.05
	mm	14	20	55	70	26.0	70	48		177.8	50.8	38	118	400
2 1/2"	INCH	0.55	0.79	2.17	2.76	1.02	3.17	1.89	M8	7.50	2.50	2.00	5.06	15.74
	mm	14	20	55	70	26.0	80.5	48		190.5	64	50.8	128.5	400
3"	INCH	0.67	0.94	2.17	2.76	1.42	3.27	2.58	M8	8.00	3.00	2.00	5.85	15.74
	mm	17	24	55	70	36	83	65.5		203.2	76	50.8	148.5	400
4"	INCH	0.67	0.94	2.17	2.76	1.42	4.13	2.58	M8	9.00	4.00	3.00	6.71	15.74
	mm	17	24	55	70	36	105	65.5		228.6	101.6	76	171.5	910
6"	INCH	0.91	1.32	3.35	4.92	1.71	5.75	2.62	M10	11.50	6.00	4.00	8.37	39.37
	mm	23	35	85	125	43.5	146	66.5		292.1	152	101.6	212.5	1000

NOMINAL SIZE	A	h11	ØB h11	ØE h11	ØF	G	H (REF)	K	d	L	ØM	ØN	P	R
1/2"	INCH	0.315	0.40	0.98	1.42	0.67	1.10	1.16	M6	4.25	0.59	—	2.26	5.12
	mm	8	10.3	25	36	17	28	29.5		108.0	15	—	57.5	130
3/4"	INCH	0.315	0.40	0.98	1.42	0.67	1.24	1.16	M6	5.00	0.79	0.59	3.44	5.12
	mm	8	10.3	25	36	17	31.5	29.5		127.0	20.0	15	87.5	130
1"	INCH	0.315	0.40	0.98	1.42	0.67	1.24	1.16	M6	5.00	1.00	0.79	3.44	5.12
	mm	8	10.3	25	36	17	31.5	29.5		127.0	25.4	20.0	87.5	130
1 1/2"	INCH	0.39	0.55	1.38	1.97	0.79	1.91	1.53	M6	6.50	1.50	1.10	3.44	6.30
	mm	10	14	35	50	20.0	48.5	39.0		165.1	38	28	87.5	160
2"	INCH	0.55	0.79	2.17	2.76	1.02	2.76	1.88	M8	7.00	2.00	1.50	4.64	9.05
	mm	14	20	55	70	26.0	70	48		177.8	50.8	38	118	230
2 1/2"	INCH	0.55	0.79	2.17	2.76	1.02	3.17	1.89	M8	7.50	2.50	2.00	5.06	15.74
	mm	14	20	55	70	26.0	80.5	48		190.5	64	50.8	128.5	400
3"	INCH	0.67	0.94	2.17	2.76	1.42	3.27	2.58	M8	8.00	3.00	2.00	5.85	15.74
	mm	17	24	55	70	36	83	65.5		203.2	76	50.8	148.5	400
4"	INCH	0.67	0.94	2.17	2.76	1.42	4.13	2.58	M8	9.00	4.00	3.00	6.71	15.74
	mm	17	24	55	70	36	105	65.5		228.6	101.6	76	170.5	400
5"	INCH	0.91	1.32	3.35	4.92	1.69	5.75	2.60	M12	10.00	5.0	4.0	8.35	20.07
	mm	23	33.5	85	125	43.0	146	66.0		254	127	101.6	212	850
6"	INCH	0.91	1.32	3.35	4.92	1.71	5.75	2.62	M12	10.50	6.00	4.00	8.37	20.07
	mm	23	35	85	125	43.5	146	66.5		266.7	152	101.6	212.5	850
8"	INCH	1.06	1.57	3.94	5.51	1.94	7.64	2.99	M16	11.50	6.00	6.00	10.63	39.37
	mm	27	40	100	140	49.5	194	76.0		292.1	203.2	152	270	1000

BILL OF MATERIALS - REDUCED PORT

Bill Of Materials - Reduced port														
PART NAME	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	A 351-CF8	CF8M	A 351-CN7M	A 351-CF3	CF3M	A 351-CG8M	CG3M	
BODY	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	A 351-CF8	CF8M	A 351-CN7M	A 351-CF3	CF3M	A 351-CG8M	CG3M	
ADAPTER	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	A 351-CF8	CF8M	A 351-CN7M	A 351-CF3	CF3M	A 351-CG8M	CG3M	
GASKET**	PTFE			PTFE			PTFE			PTFE			PTFE	
BALL	A 351-CF8M			A 351-CF8M			A 351-CF8M			A 351-CF8M			A 351-CF8M	
SEAT RING	RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%	
SPRING ANTISTATIC	SS 304			SS 304			SS 304			SS 304			SS 304	
BALL ANTISTATIC	SS 304			SS 304			SS 304			SS 304			SS 304	
STEM	A 276-316			A 276-316			A 276-316			A 276-316			A 276-316	
THRUST WASHER	RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%	
SLEEVE	RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%			RTFE GLASS FILLED 25%	
GLAND PACKING**	PTFE			PTFE			PTFE			PTFE			PTFE	
GLAND	A 276-304/A 351-CF8			A 276-304/A 351-CF8			A 276-304/A 351-CF8			A 276-304/A 351-CF8			A 276-304/A 351-CF8	
SHCS	A 193-GrB7			A 193-GrB7			A 193-GrB7			A 193-GrB7			A 193-GrB7	
STOPPER PLATE	STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL	
CIRCLIP	CARBON STEEL-C40			CARBON STEEL-C40			CARBON STEEL-C40			CARBON STEEL-C40			CARBON STEEL-C40	
HANDLE	CAST STEEL			CAST STEEL			CAST STEEL			CAST STEEL			CAST STEEL	
STUD	A 193-B7			A 193-B7			A 193-B7			A 193-B7			A 193-B7	
HEX NUT	A 194-2H			A 194-2H			A 194-2H			A 194-2H			A 194-2H	
KEY LOCK PLATE	STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL	
STOPPER PIN	STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL	
HEX SOCKET SET SCREW	CARBON STEEL-C40			CARBON STEEL-C40			CARBON STEEL-C40			CARBON STEEL-C40			CARBON STEEL-C40	
GLAND RING	A 276-316			A 276-316			A 276-316			A 276-316			A 276-316	
SPRING WASHER	STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL	
GLAND NUT	CARBON STEEL-C40			CARBON STEEL-C40			CARBON STEEL-C40			CARBON STEEL-C40			CARBON STEEL-C40	
LOCK PLATE	STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL			STAINLESS STEEL	
GEAR BOX	COMMERCIAL			COMMERCIAL			COMMERCIAL							

GENERAL ASSEMBLY - DIRECT MOUNTING - FULL PORT & REDUCED PORT



DIMENSIONS - DIRECT MOUNTING - FULL PORT & REDUCED PORT

Dimensions - Direct mounting - Full port and Reduced port

FULL PORT																		
NOMINAL SIZE & CLASS	A d9	B	ØC B11	D	E	ØF	G	H°	K	L	ØM	ØN	P	R	ØS	T	U	
8" - #150	INCH	1.42	2.16	3.35	0.28	4	0.52	4.92	45°	F12	18.0	--	8.0	15.88	M12	19.69	3.31	10.75
	mm	36	55	85	7	4	13	125	45°	F12	457.2	--	203.2	403.5	M12	500	84	273
10" - #150	INCH	2.36	3.01	5.12	0.55	4	0.87	6.50	45°	F16	21.0	--	10.0	17.85	M20	19.69	4.02	14.52
	mm	60	76.5	130	14	4	22	165	45°	F16	533.4	--	254	453.5	M20	500	102	369
12" - #150	INCH	2.83	4.37	7.87	0.47	8	0.71	10	22.5°	F25	24.0	--	12.0	21.54	M16	27.56	8.39	20.47
	mm	72	111	200	12	8	18	254	22.5°	F25	609.6	--	305	547	M16	700	213	520
8" - #300	INCH	1.97	3.15	5.12	0.39	4	0.87	6.50	45°	F16	19.75	--	8.0	16.87	M20	19.69	4.02	14.53
	mm	50	80	130	10	4	22	165	45°	F16	501.7	--	203.2	428.5	M20	500	102	369
10" - #300	INCH	2.36	3.01	5.12	0.55	4	0.87	6.50	45°	F16	22.38	--	10.0	17.85	M20	27.56	6.02	16.1
	mm	60	76.5	130	14	4	22	165	45°	F16	568.5	--	254	453.5	M20	700	153	409
12" - #300	INCH	2.83	4.37	7.87	0.47	8	0.71	10	22.5°	F25	25.5	--	12.0	21.54	M16	27.56	8.39	20.47
	mm	72	111	200	12	8	18	254	22.5°	F25	647.7	--	305	547	M16	700	213	520
6" - #600	INCH	1.97	2.96	5.12	0.39	4	0.87	6.5	45°	F16	22.0	--	6.0	13.1	M20	19.69	4.57	14.53
	mm	50	75.1	130	10	4	22	165	45°	F16	558.8	--	152.4	332.7	M20	500	116	369

REDUCED PORT																		
NOMINAL SIZE & CLASS	A d9	B	ØC B11	D	E	ØF	G	H°	K	L	ØM	ØN	P	R	ØS	T	U	
10" - #150	INCH	1.42	2.16	3.35	0.28	4	0.52	4.92	45°	F12	18.0	10.0	8.0	15.88	M12	19.69	3.31	10.75
	mm	36	55	85	7	4	13	125	45°	F12	457.2	254.0	203.2	403.5	M12	500	84	273
12" - #150	INCH	2.36	3.01	5.12	0.55	4	0.87	6.50	45°	F16	14.0	12.00	10.00	17.85	M20	19.69	4.02	14.52
	mm	60	76.5	130	14	4	22	165	45°	F16	355.6	305	254	453.5	M20	500	102	369
14" - #150	INCH	2.83	4.37	7.87	0.47	8	0.71	10	22.5°	F25	27.00	13.25	12.0	21.54	M16	27.56	8.39	20.47
	mm	72	111	200	12	8	18	254	22.5°	F25	685.8	337	305	547	M16	700	213	520
10" - #300	INCH	1.97	3.15	5.12	0.39	4	0.87	6.50	45°	F16	19.75	10.0	8.0	16.87	M20	19.69	4.02	14.53
	mm	50	80	130	10	4	22	165	45°	F16	501.7	254.0	203.2	428.5	M20	500	102	369
12" - #300	INCH	2.36	3.01	5.12	0.55	4	0.87	6.50	45°	F16	19.75	12.0	10.00	17.85	M20	27.56	6.02	16.1
	mm	60	76.5	130	14	4	22	165	45°	F16	501.7	305	254	453.5	M20	700	153	409
14" - #300	INCH	2.83	4.37	7.87	0.47	8	0.71	10	22.5°	F25	30.00	13.25	12.0	21.54	M16	27.56	8.39	20.47
	mm	72	111	200	12	8	18	254	22.5°	F25	762.0	337	305	547	M16	700	213	520
8" - #600	INCH	1.97	2.96	5.12	0.39	4	0.87	6.5	45°	F16	26.0	8.0	6.0	13.1	M20	19.69	4.57	14.53
	mm	50	75.1	130	10	4	22	165	45°	F16	660.4	203.2	152.4	332.7	M20	500	116	369

BILL OF MATERIALS - DIRECT MOUNTING - FULL PORT & REDUCED PORT

Bill of Materials - Direct mounting - Full port and Reduced port

PART NAME	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	A 352-LCB	LCC	A 351-CF8	CF8M	A 351-CF3	CF3M	A 351-CG8M	CG3M
BODY	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	A 352-LCB	LCC	A 351-CF8	CF8M	A 351-CF3	CF3M	A 351-CG8M	CG3M
ADAPTER	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	A 352-LCB	LCC	A 351-CF8	CF8M	A 351-CF3	CF3M	A 351-CG8M	CG3M
BALL	A 351-CF8M	WCC	A 351-CF8M	WC9	A 351-CF8M	C9	A 351-CF8M	LCC	A 351-CF8	CF8M	A 351-CF3	CF3M	A 351-CG8M	CG3M
SPRING ANTISTATIC	SS 304													
BALL ANTISTATIC	SS 304													
SEAT RING	RTFE GLASS FILLED 25%													
STEM	A 276-316	A 276-316L	A 276-316L	A 276-317L	A 276-317L									
THRUST WASHER	RTFE GLASS FILLED 25%													
SLEEVE	RTFE GLASS FILLED 25%													
GLAND PACKING	PTFE													
GLAND BUSH	A 276-316	A 276-316L	A 276-316L	A 276-317L	A 276-317L									
STUD	A 193-B7	A 320-L7	A 320-L7	A 193-BB										
HEX NUT	A 194-2H	A 194-4	A 194-4	A 194-8										
MOUNTING PAD	A 216-WCB	A 351-CF8	A 351-CF8	A 351-CF3	A 351-CF3	A 351-CF8	A 351-CF8							
GLAND FLANGE	A 351-CF8													
CIRCLIP	C40													
PARALLEL KEY	C40													
GASKET	PTFE													
STUD	A 193-B7	A 320-L7	A 320-L7	A 193-BB										
HEX NUT	A 194-2H	A 194-4	A 194-4	A 194-8										
GEAR BOX	COMMERCIAL													
ACTUATOR	COMMERCIAL													

TECHNICAL DATAS - DIRECT MOUNTING - FULL PORT & REDUCED PORT

Technical Datas - Direct mounting - Full port and Reduced port

CLASS 150 - Reduced port							
SIZE	Kv	Cv	Torque		RF-Valve Weight With GB (Approx.)		
INCH	mm	Cmph	Usgpm	Nm	lbs-ft	Kg	lbs
10	250	5233.0	6049.3	900.0	642.9	192.0	432.2
12	300	8176.5	9452.0	1575.0	1475.1	307.5	677.7
14	350	11774.2	13610.9	3611.4	2663.6	620.0	1366.5

CLASS 150 - Full port							
SIZE	Kv	Cv	Torque		RF-Valve Weight With GB (Approx.)		
INCH	mm	Cmph	Usgpm	Nm	lbs-ft	Kg	lbs
8	200	5233.0	6049.3	900.0	642.9	201.5	444.1
10	250	8176.5	9452.0	1575.0	1475.1	328	722.9
12	300	11774.2	13610.9	3611.4	2663.6	573	1263.2

CLASS 300 - Reduced port							
SIZE	Kv	Cv	Torque		RF-Valve Weight With GB (Approx.)		
INCH	mm	Cmph	Usgpm	Nm	lbs-ft	Kg	lbs
10	250	5233.0	6049.3	2300.0	1643.0	280	617
12	300	8176.5	9452.0	4920.6	3629.3	617	1362.3
14	350	11774.2	13610.9	9339.7	6888.7	751	1655.2

CLASS 300 - Full port							
SIZE	Kv	Cv	Torque		RF-Valve Weight With GB (Approx.)		
INCH	mm	Cmph	Usgpm	Nm	lbs-ft	Kg	lbs
8	200	5233.0	6049.3	2300.0	1643.0	225	496
10	250	8176.5	9452.0	4920.6	3629.3	410	903.6
12	300	11774.2	13610.9	9339.7	6888.7	687	1514

CLASS 600 - Reduced port							
SIZE	Kv	Cv	Torque		RF-Valve Weight With GB (Approx.)		
INCH	mm	Cmph	Usgpm	Nm	lbs-ft	Kg	lbs
8	200	2943.5	3402.7	2129.5	1521.1	252.5	556.6

CLASS 600 - Full port							
SIZE	Kv	Cv	Torque		RF-Valve Weight With GB (Approx.)		
INCH	mm	Cmph	Usgpm	Nm	lbs-ft	Kg	lbs
6	150	2943.5	3402.7	2129.5	1521.1	200.5	442.0

