

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



Sri Ranganathar Valves (P) Ltd.

Quality flow in every valve



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STOP CHECK VALVES

ISO 9001 : 2015 | PED | API 6D CERTIFIED

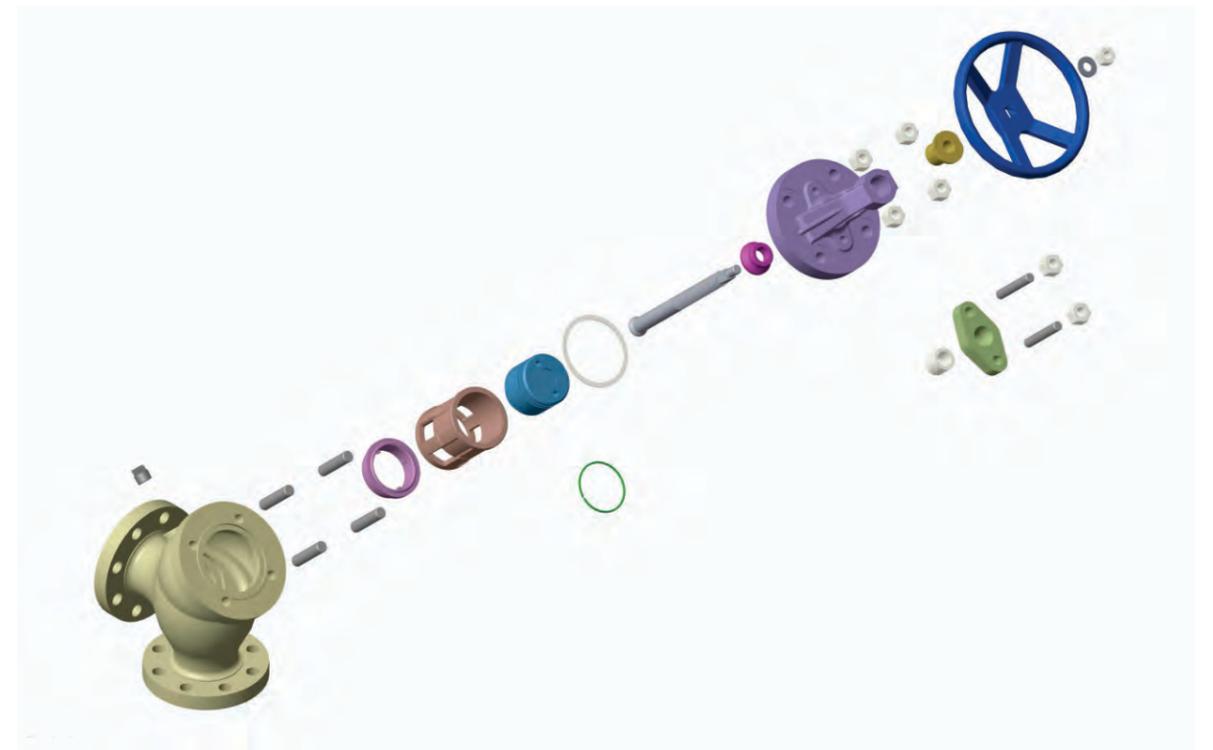
STOP CHECK VALVES

- MEETS ASME B16.34
- BOTH GLOBE VALVE & CHECK VALVE IN ONE VALVE
- ENCAPSULATED GASKET
- HARDFACED SEAT & DISC STANDARD. PISTON RING FOR DISC TO RETARD THE VELOCITY STANDRAD.HAMMER HAND WHEEL STANDARD FOR 6" AND UP
- USED BETWEEN A BOILER AND A TURBINE
- ALL GRADES OF ASTM A 216, A 217, A 351, A 352, A 494 & A 995 AVAILABLE
- MIRROR LAPPED DISC AND BODY SEAT
- WORKING ALL OVER THE WORLD FOR THE PAST 11 YEARS

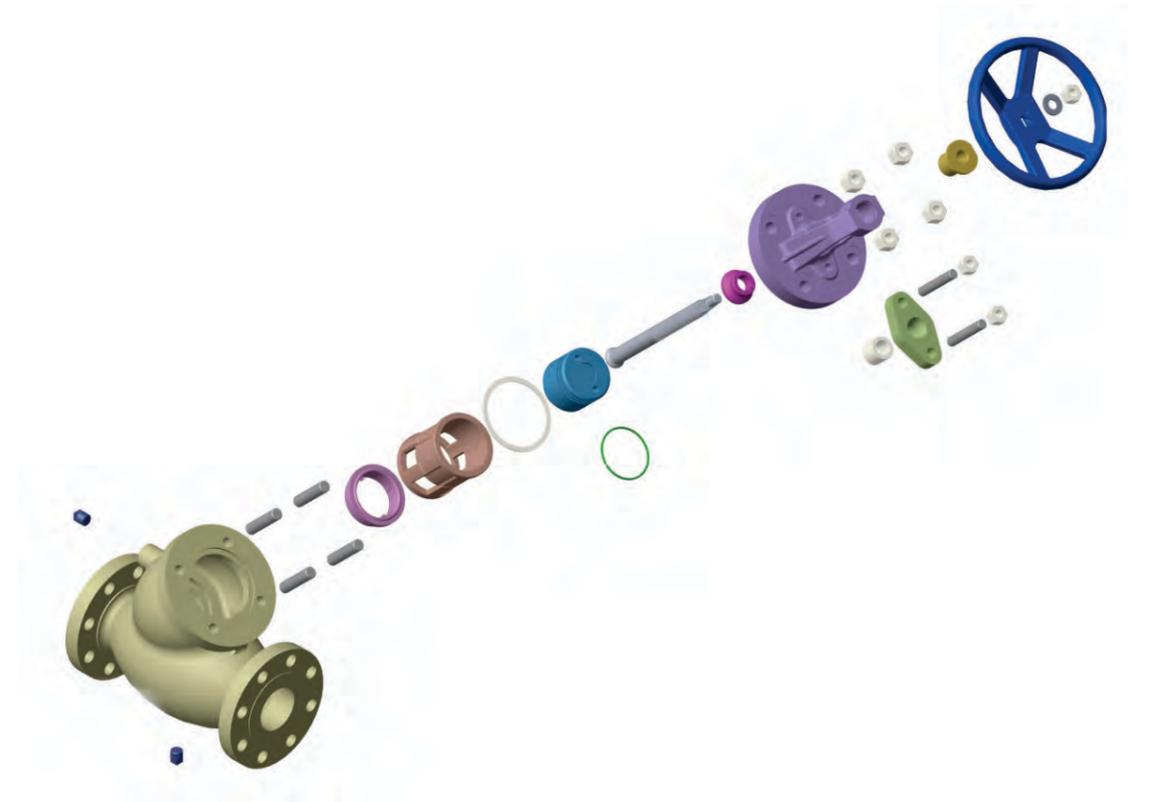
MADE TO DIFFERENT BRANDS, MATERIALS AND END CONNECTIONS



EXPLODED VIEW OF ANGLE STOP CHECK VALVES



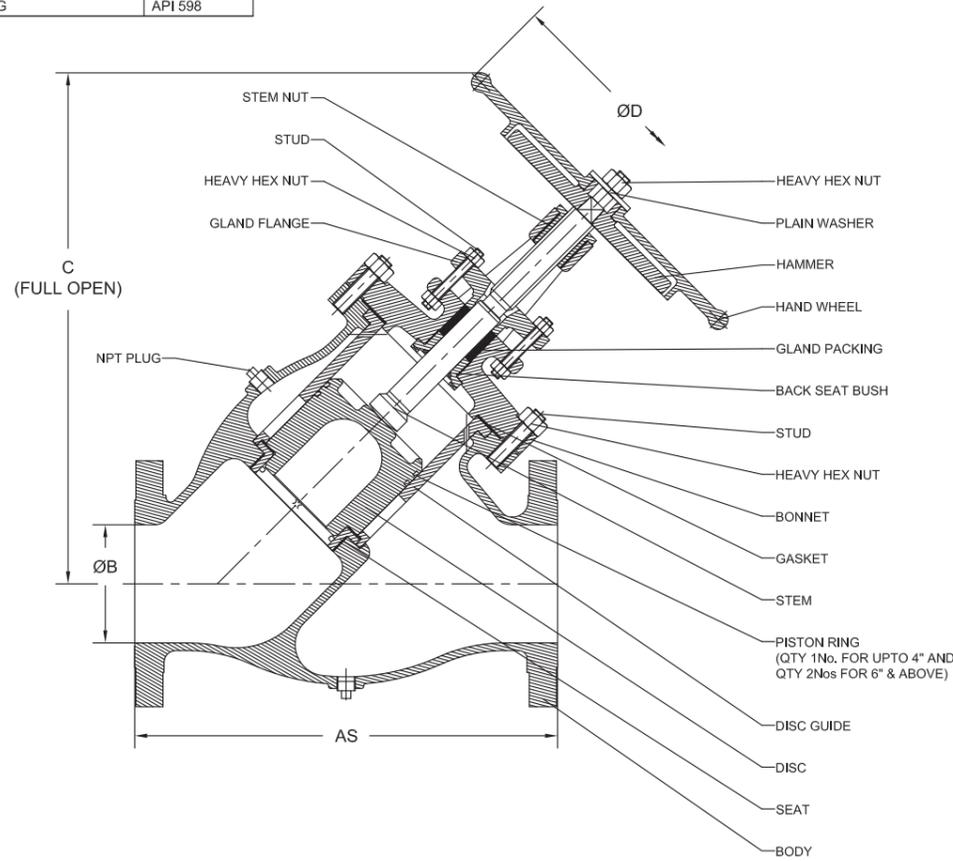
EXPLODED VIEW OF STRAIGHT STOP CHECK VALVES



GENERAL ASSEMBLY

DESIGN SPECIFICATIONS	
GENERAL VALVE DESIGN	ASME B16.34
PRESSURE TEMPRATURE RATING	ASME B16.34
WALL THICKNESS	ASME B16.34
FLANGE DESIGN	ASME B16.5
FACE TO FACE DIMENSION	SRI STD
MATERIALS	ASTM
VALVE TESTING	API 598

SSCV 2 1/2" - 8" #300

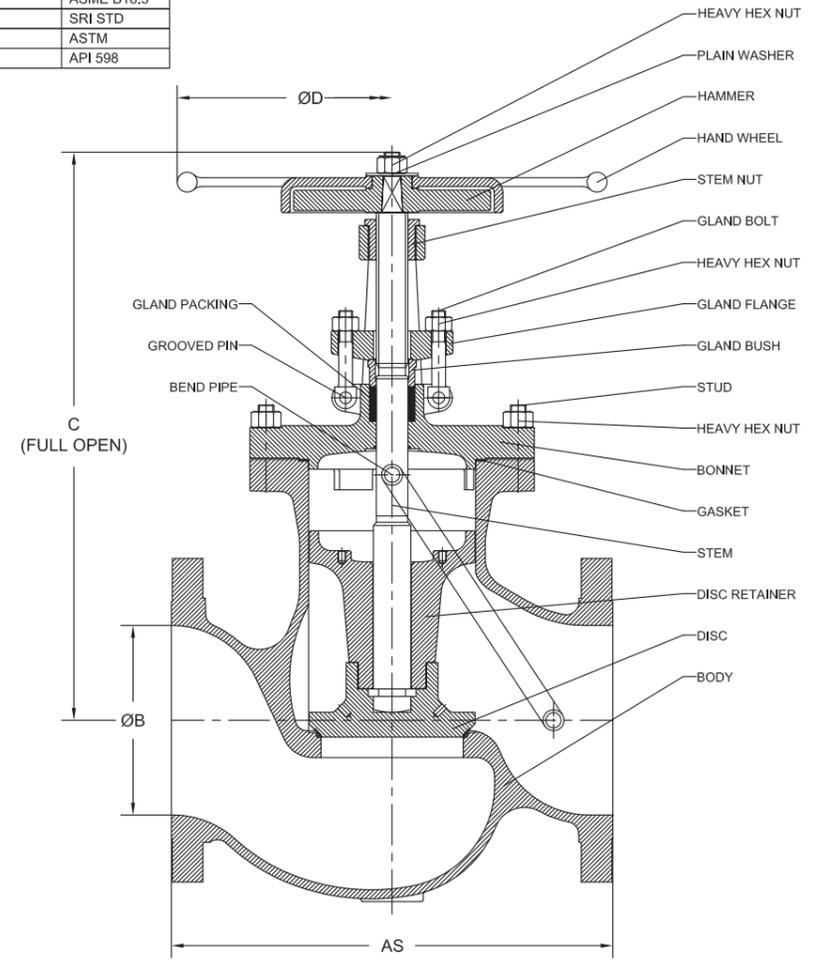


OPTIONS

 BUTT WELD END	 ELECTRICAL ACTUATOR	 AIR / HYDRAULIC CYLINDER
 RTJ FLANGE	 GEAR OPERATOR	 CHAIN WHEEL
 FOR UPTO 4"	 GEAR OPERATOR WITH ACTUATOR	 LOCKING ARRANGEMENT

DESIGN SPECIFICATIONS	
GENERAL VALVE DESIGN	ASME B16.34
PRESSURE TEMPRATURE RATING	ASME B16.34
WALL THICKNESS	ASME B16.34
FLANGE DESIGN	ASME B16.5
FACE TO FACE DIMENSION	SRI STD
MATERIALS	ASTM
VALVE TESTING	API 598

SSCV 10" - 12" #300



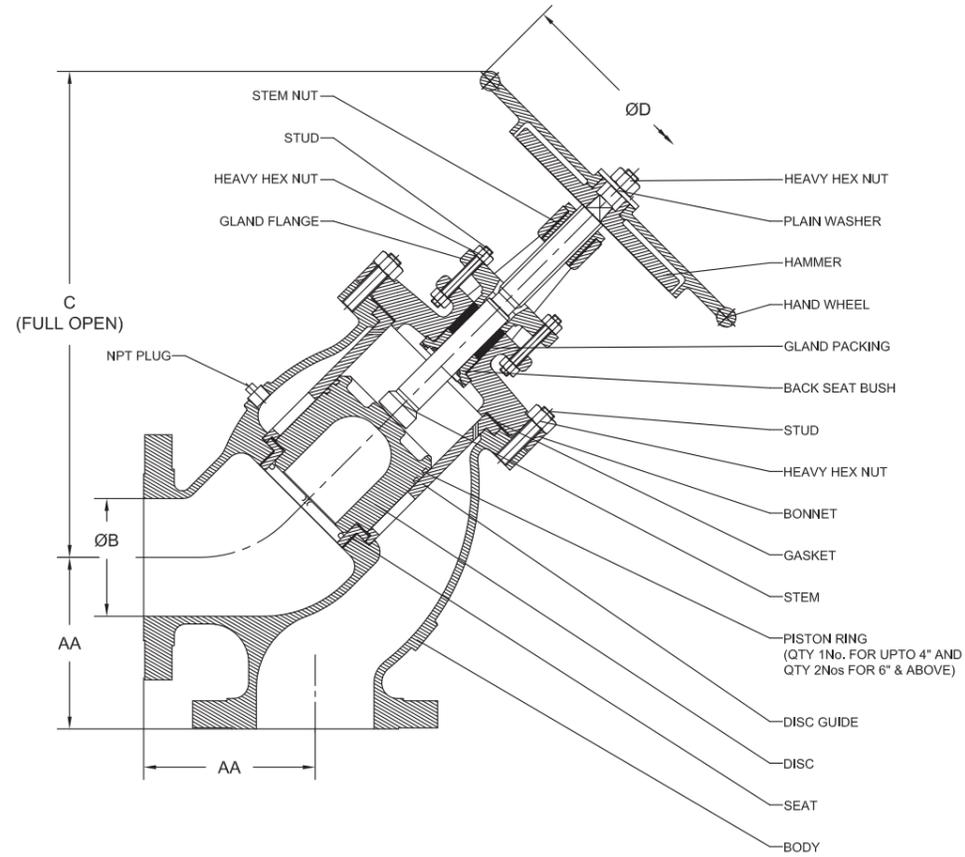
OPTIONS

 BUTT WELD END	 ELECTRICAL ACTUATOR	 AIR / HYDRAULIC CYLINDER
 RTJ FLANGE	 GEAR OPERATOR	 CHAIN WHEEL
 WELDED SEAT	 GEAR OPERATOR WITH ACTUATOR	 LOCKING ARRANGEMENT

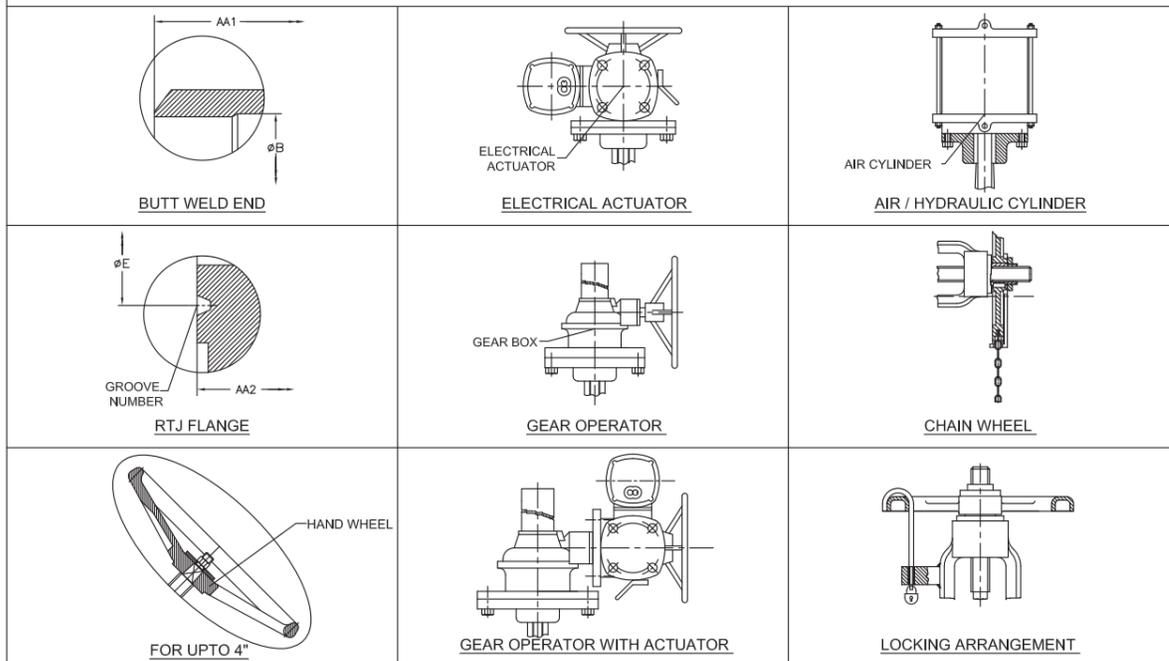
GENERAL ASSEMBLY

DESIGN SPECIFICATIONS	
GENERAL VALVE DESIGN	ASME B16.34
PRESSURE TEMPERATURE RATING	ASME B16.34
WALL THICKNESS	ASME B16.34
FLANGE DESIGN	ASME B16.5
FACE TO FACE DIMENSION	SRI STD
MATERIALS	ASTM
VALVE TESTING	API 598

ASCV 2 1/2" - 8" #300

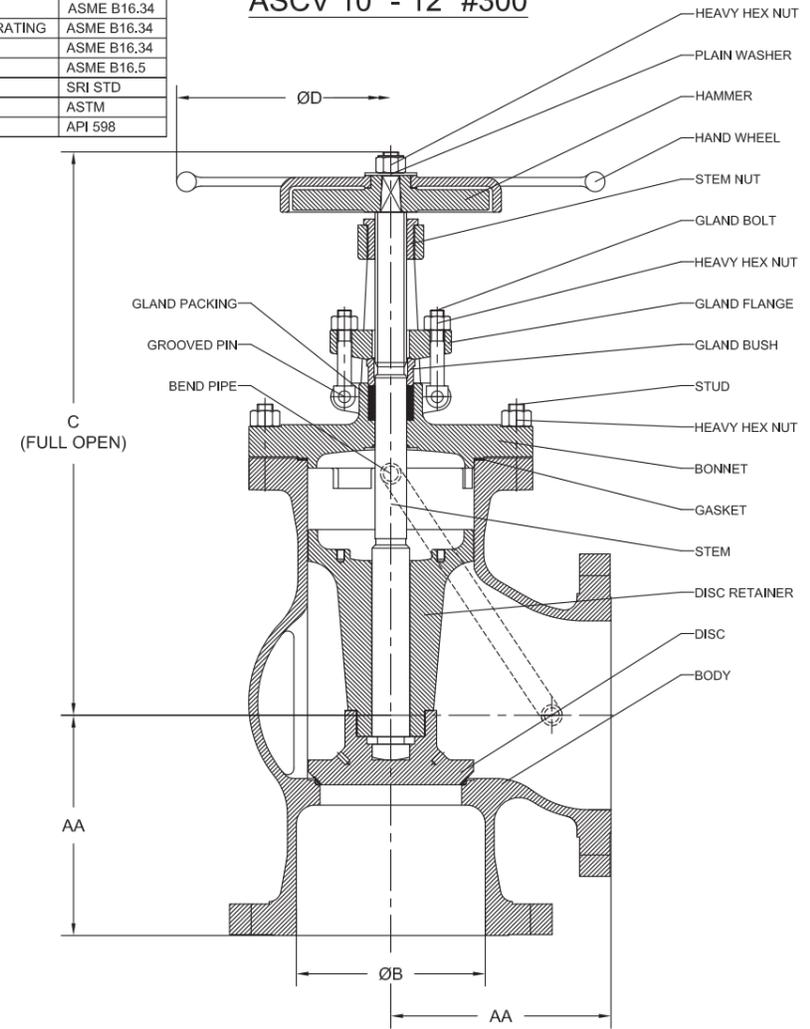


OPTIONS

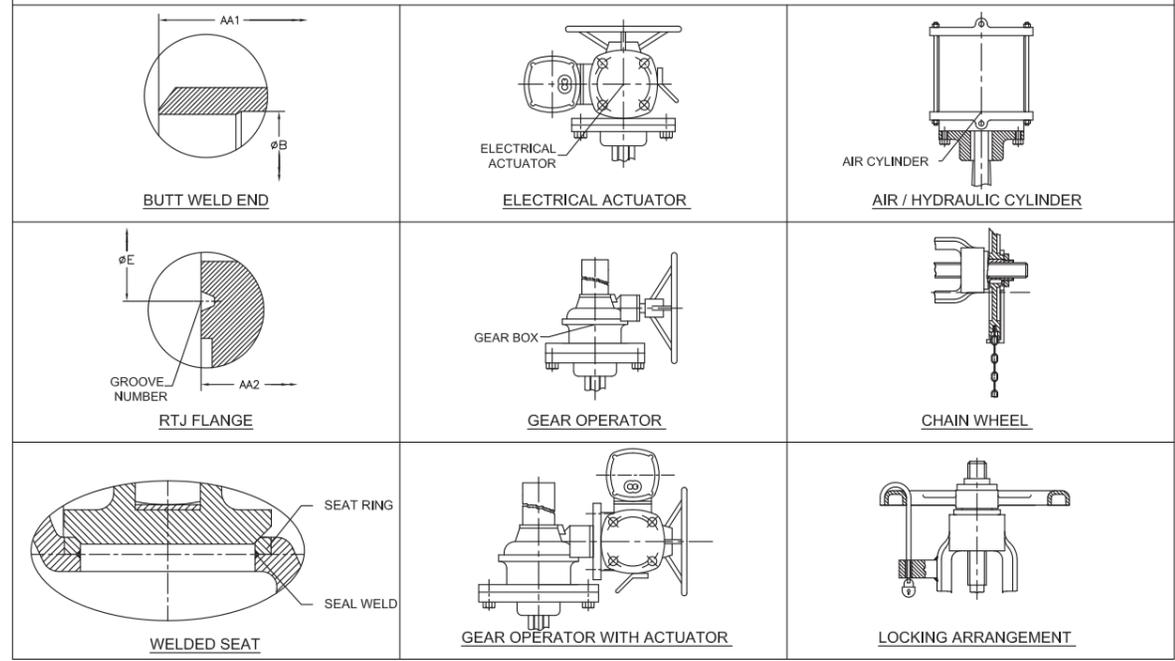


DESIGN SPECIFICATIONS	
GENERAL VALVE DESIGN	ASME B16.34
PRESSURE TEMPERATURE RATING	ASME B16.34
WALL THICKNESS	ASME B16.34
FLANGE DESIGN	ASME B16.5
FACE TO FACE DIMENSION	SRI STD
MATERIALS	ASTM
VALVE TESTING	API 598

ASCV 10" - 12" #300



OPTIONS



BILL OF MATERIALS

PART NAME	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	C12	A 352-LCB	LCC
BODY	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	C12	A 352-LCB	LCC
SEAT	A 217-CA 15+ ST6		A 217-WC6+ST6	WC9+ST6	A 217-C5+ST6	C9+ST6	C12+ST6	A 352-LCB+SS 304	LCC+SS 304
DISC	A 217-CA 15+ ST6		A 217-WC6+ST6	WC9+ST6	A 217-C5+ST6	C9+ST6	C12+ST6	A 352-LCB+SS 304	LCC+SS 304
DISC RETAINER	A 217-CA15		A 217-CA15		A 217-CA15			A 351-CF8	
DISC GUIDE	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
PISTON RING	SPRING STEEL		SPRING STEEL		SPRING STEEL			SPRING STEEL	
STEM	A 479-410-1		A 479-410-1		A 479-410-1			A 276-304	
GASKET	SS 304+GRAPHITE		SS 304+GRAPHITE		SS 304+GRAPHITE			SS 304+GRAPHITE	
BONNET	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	C12	A 352-LCB	LCC
HEAVY HEX NUT	A 194-2H		A 194-B16		A 194-2H			A 320-L7	
STUD	A 193-B7		A 193-7		A 193-B7			A 193-7	
BACK SEAT BUSH	A 276-410+ STELLITE 6		A 276-410+ STELLITE 6		A 276-410+ STELLITE 6			SS 304	
GLAND PACKING	GRAPH+BR.GRAPH		GRAPH+BR.GRAPH		GRAPH+BR.GRAPH			GRAPH+BR.GRAPH	
GLAND BUSH	SS 410 / A 217-CA15		SS 410 / A 217-CA15		SS 410 / A 217-CA15			SS 304 / A 351-CF8	
GLAND FLANGE	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	C12	A 352-LCB	LCC
HAND WHEEL	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON			CAST STEEL/DUCTILE IRON	
HAMMER	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON			CAST STEEL/DUCTILE IRON	
HAMMER HAND WHEEL	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON			CAST STEEL/DUCTILE IRON	
PLAIN WASHER	C 40		C 40		C 40			C 40	
HEAVY HEX NUT	A 194-2H		A 194-2H		A 194-2H			A 194-2H	
NPT PLUG	SS 304		SS 304		SS 304			SS 304	
HEAVY HEX NUT	A 194-2H		A 194-B16		A 194-2H			A 320-L7	
STUD	A 193-B7		A 193-7		A 193-B7			A 193-7	
STEM NUT	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2			AB-1 / A 439-D2	
GLAND BOLT	A 307-B / SS 410		A 307-B / SS 410		A 307-B / SS 410			SS 304	
GROOVED PIN	SS 304		SS 304		SS 304			SS 304	
BEND PIPE	A 106-B	A 106-C	A 691-1 1/4Cr	A 691-2 1/4Cr	A 335-P5	A 335-P9		A 672-B65	A 672-C65
GEAR BOX	COMMERCIAL		COMMERCIAL		COMMERCIAL			COMMERCIAL	
AIR CYLINDER ACTUATOR	COMMERCIAL		COMMERCIAL		COMMERCIAL			COMMERCIAL	
ELECTRICAL ACTUATOR	COMMERCIAL		COMMERCIAL		COMMERCIAL			COMMERCIAL	

PART NAME	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M
BODY	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M
SEAT	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M
DISC	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M
DISC RETAINER	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M
DISC GUIDE	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M
PISTON RING	SS 304	SS 316	SS 304L	SS 316L	SS 317	SS 317L	SS 347	A 20
STEM	A 276-304	A 276-316	A 276-304L	SS 316L	A 276-317	SS 317L	A 276-347	A 20
GASKET	SS 304+GRAPHITE	SS 316+GRAPHITE	SS 304L+GRAPHITE	SS 316L+GRAPHITE	SS 347+GRAPHITE	SS 317L+GRAPHITE	SS 347+GRAPHITE	A 20+GRAPHITE
BONNET	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M
HEAVY HEX NUT	A 194-8		A 194-8		A 194-8		A 194-8	A 194-8M
STUD	A 193-B8		A 193-B8		A 193-B8		A 193-B8	A 193-B8M
BACK SEAT BUSH	INTEGRAL		INTEGRAL		INTEGRAL		INTEGRAL	
GLAND PACKING	GRAPH+BR.GRAPH		GRAPH+BR.GRAPH		GRAPH+BR.GRAPH		GRAPH+BR.GRAPH	
GLAND BUSH	SS 304	SS 316	SS 304L	SS 316L	SS 317	SS 317L	SS 347	A 20
GLAND FLANGE	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CF8M		A 351-CF8M	
HAND WHEEL	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON	
HAMMER	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON	
HAMMER HAND WHEEL	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON	
PLAIN WASHER	SS 304		SS 304		SS 304		SS 304	
HEAVY HEX NUT	A 194-8		A 194-8		A 194-8		A 194-8	A 194-8M
NPT PLUG	SS 304	SS 316	SS 304L	SS 316L	SS 317	SS 317L	SS 347	A 20
HEAVY HEX NUT	A 194-8		A 194-8		A 194-8		A 194-8	A 194-8M
STUD	A 193-B8		A 193-B8		A 193-B8		A 193-B8	A 193-B8M
STEM NUT	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2	
GLAND BOLT	SS 304		SS 304		SS 304		SS 304	SS 316
GROOVED PIN	SS 304		SS 304		SS 304		SS 304	SS 316
BEND PIPE	SS 304	SS 316	SS 304L	SS 316L	SS 317	SS 317L	SS 347	A 20
GEAR BOX	COMMERCIAL		COMMERCIAL		COMMERCIAL		COMMERCIAL	
AIR CYLINDER ACTUATOR	COMMERCIAL		COMMERCIAL		COMMERCIAL		COMMERCIAL	
ELECTRICAL ACTUATOR	COMMERCIAL		COMMERCIAL		COMMERCIAL		COMMERCIAL	

PART NAME	A 351-CK3MCuN	A 351-CN3MN	A 995-4A	A 995-6A	A 494-CZ100	A 494-M35-1	A 494-CW12MW	A 494-CW6MC
BODY	A 351-CK3MCuN	A 351-CN3MN	A 995-4A	A 995-6A	A 494 CZ100	A 494-M35-1	A 494 CW12MW	A 494-CW6MC
SEAT	A 351-CK3MCuN	A 351-CN3MN	A 995-4A	A 995-6A	A 494 CZ100	A 494-M35-1	A 494 CW12MW	A 494-CW6MC
DISC	A 351-CK3MCuN	A 351-CN3MN	A 995-4A	A 995-6A	A 494 CZ100	A 494-M35-1	A 494 CW12MW	A 494-CW6MC
DISC RETAINER	A 351-CK3MCuN	A 351-CN3MN	A 995-4A	A 995-6A	A 494 CZ100	A 494-M35-1	A 494 CW12MW	A 494-CW6MC
DISC GUIDE	A 351-CK3MCuN	A 351-CN3MN	A 995-4A	A 995-6A	A 494 CZ100	A 494-M35-1	A 494 CW12MW	A 494-CW6MC
PISTON RING	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
STEM	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
GASKET	GRAPHITE		GRAPHITE		GRAPHITE		GRAPHITE	
BONNET	A 351-CK3MCuN	A 351-CN3MN	A 995-4A	A 995-6A	A 494 CZ100	A 494-M35-1	A 494 CW12MW	A 494-CW6MC
HEAVY HEX NUT	A 194-8M		A 194-8M		A 194-8M		A 194-8M	
STUD	A 193-B8M		A 193-B8M		A 193-B8M		A 193-B8M	
BACK SEAT BUSH	INTEGRAL		INTEGRAL		INTEGRAL		INTEGRAL	
GLAND PACKING	GRAPH+BR.GRAPH		GRAPH+BR.GRAPH		GRAPH+BR.GRAPH		GRAPH+BR.GRAPH	
GLAND BUSH	A 351-CK3MCuN	A 351-CN3MN	A 995-4A	A 995-6A	A 494 CZ100	A 494-M35-1	A 494 CW12MW	A 494-CW6MC
GLAND FLANGE	A 351-CF8M		A 351-CF8M		A 351-CF8M		A 351-CF8M	
HAND WHEEL	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON	
HAMMER	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON	
HAMMER HAND WHEEL	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON	
PLAIN WASHER	SS 304		SS 304		SS 304		SS 304	
HEAVY HEX NUT	A 194-8		A 194-8		A 194-8		A 194-8	
NPT PLUG	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
HEAVY HEX NUT	A 194-8M		A 194-8M		A 194-8M		A 194-8M	
STUD	A 193-B8M		A 193-B8M		A 193-B8M		A 193-B8M	
STEM NUT	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2	
GLAND BOLT	SS 316		SS 316		SS 316		SS 316	
GROOVED PIN	SS 316		SS 316		SS 316		SS 316	
BEND PIPE	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625
GEAR BOX	COMMERCIAL		COMMERCIAL		COMMERCIAL		COMMERCIAL	
AIR CYLINDER ACTUATOR	COMMERCIAL		COMMERCIAL		COMMERCIAL		COMMERCIAL	
ELECTRICAL ACTUATOR	COMMERCIAL		COMMERCIAL		COMMERCIAL		COMMERCIAL	

DIMENSIONS

		SSCV									
SIZE	INCH	2 1/2	3	4	5	6	8	10	12		
	mm	65	80	100	125	150	200	250	300		
A	INCH	13.00	14.75	17.00	19.00	21.50	26.00	24.50	28.00		
	mm	330.2	374.7	431.8	482.6	546.1	660.4	622.3	711.2		
A1	INCH	13.00	14.75	17.00	19.00	21.50	26.00	24.50	28.00		
	mm	330.2	374.7	431.8	482.6	546.1	660.4	622.3	711.2		
A2	INCH	13.62	15.37	17.62	19.62	22.12	26.62	25.12	28.62		
	mm	345.9	390.4	447.5	498.3	561.8	676.1	638.0	726.9		
ØB	INCH	2.50	3.00	4.00	5.00	6.00	8.00	10.00	12.00		
	mm	64	76	102	127	152	203	254	305		
C	INCH	18.0	18.0	22.5	25.2	28.1	32.0	34.0	42.5		
	mm	457	457	572	640	714	813	864	1081		
ØD	INCH	10.0	10.0	14.0	18.0	18.0	20.0	20.0	27.0		
	mm	254	254	356	355	355	508	508	686		
RTJ Groove Number		26	30	37	41	45	49	53	57		
ØE	INCH	4.000	4.625	5.875	7.125	8.312	10.625	12.750	15.000		
	mm	101.60	117.28	149.23	180.98	211.12	269.88	323.85	381.00		
VALVE	lbs	110.2	147.7	208.3	429.8	476.1	718.5	802.3	1232.0		
WEIGHT (RF)	kgs	50.0	67.0	94.5	195.0	216.0	326.0	364.0	559.0		

		ASCV									
SIZE	INCH	2 1/2	3	4	5	6	8	10	12		
	mm	65	80	100	125	150	200	250	300		
A	INCH	5.75	6.25	7.00	7.88	8.75	10.50	12.25	14.00		
	mm	146.1	158.8	177.8	200.0	222.3	266.7	311.5	355.6		
A1	INCH	5.75	6.25	7.00	7.88	8.75	10.50	12.25	14.00		
	mm	146.1	158.8	177.8	200.0	222.3	266.7	311.5	355.6		
A2	INCH	6.06	6.56	7.31	8.19	9.06	10.81	12.56	14.31		
	mm	153.9	166.6	185.7	208.0	230.1	274.6	319.0	363.5		
ØB	INCH	2.50	3.00	4.00	5.00	6.00	8.00	10.00	12.00		
	mm	64	76	102	127	152	203	254	305		
C	INCH	18.0	18.0	22.5	25.2	28.1	32.0	34.0	42.5		
	mm	457	457	572	640	714	813	864	1081		
ØD	INCH	10.0	10.0	14.0	18.0	18.0	20.0	20.0	27.0		
	mm	254	254	356	355	355	508	508	686		
RTJ Groove Number		26	30	37	41	45	49	53	57		
ØE	INCH	4.000	4.625	5.875	7.125	8.312	10.625				