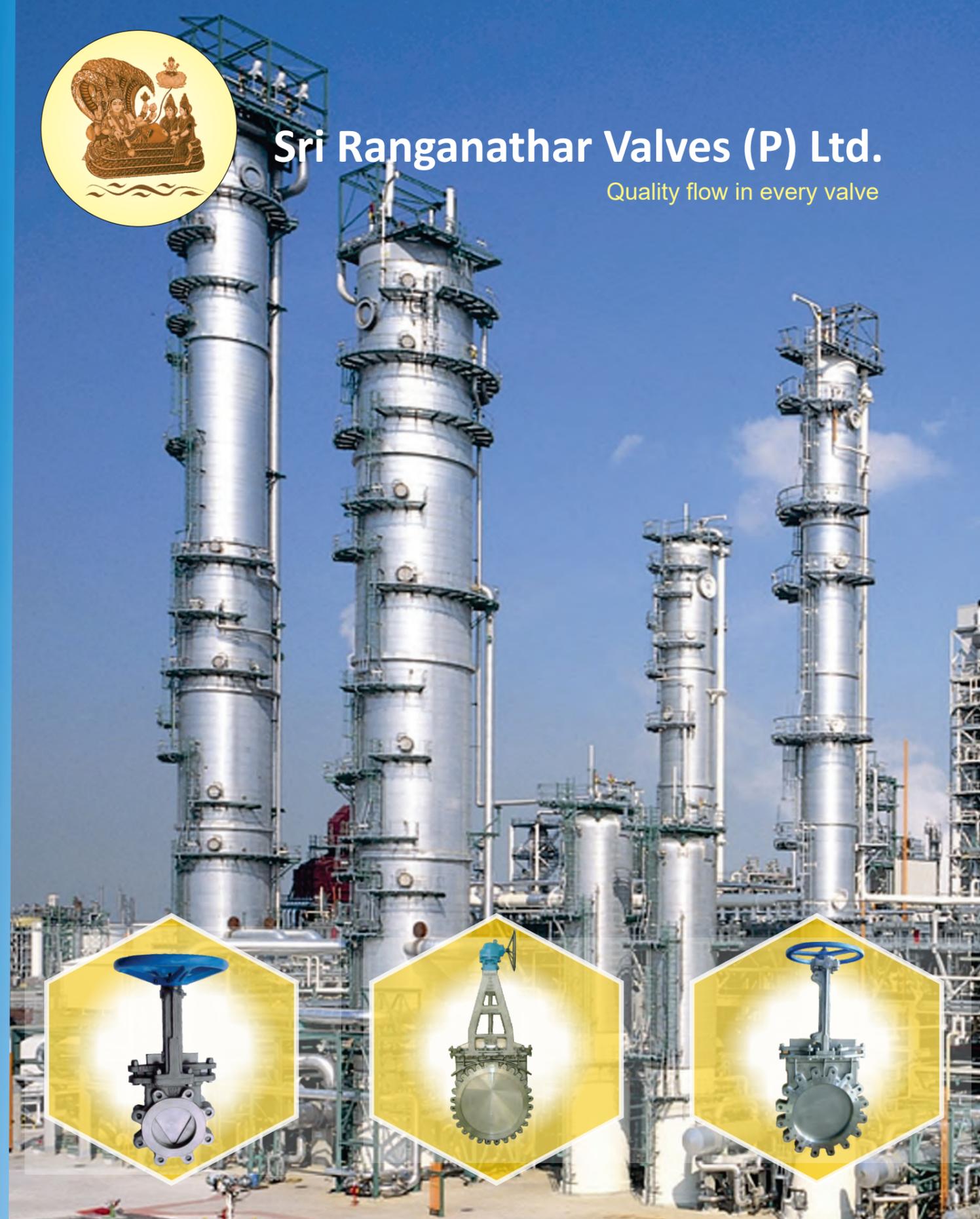


VALVES WORKING WELL ON LINE AT CUSTOMER PLACE FOR OVER 11 YEARS



Sri Ranganathar Valves (P) Ltd.

Quality flow in every valve



Sri Ranganathar Valves Pvt. Ltd
7/109, Arasur,
Coimbatore – 641 047
Tamilnadu, INDIA.

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



KNIFE GATE VALVE (METAL SEAT)

ISO 9001 : 2015 | PED | API 6D CERTIFIED

KNIFE GATE VALVE METAL SEAT

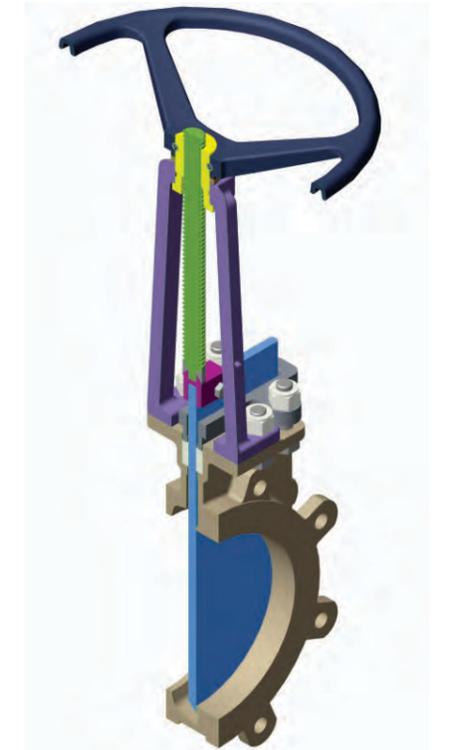
- MEETS MSS SP 81 & TAPPI
- STANDARD PRESSURE RATING IS 2" TO 24" - CWP150 AND 30" TO 60" - CWP75 AND OPTIONAL PRESSURE CLASS IS AVAILABLE FOR ALL SIZES
- SINGLE PIECE FULL PORT BODY
- SINGLE PIECE CAST YOKE
- SELF CLEANING SEAT POCKET DESIGN
- INTEGRAL JAM AND GATE GUIDE
- BALANCED GATE LIFTING & PUSHING DOWN WITH WIDE GATE AND STEM CONNECTION WITH LIFTER

- GROUND GATE AVAILABLE
- NIL PLAY WITH TWO PIN PRESS FIT DRIVE HAND WHEEL WITH STEM NUT
- NEVER BREAKS CARBON STEEL HAND WHEEL
- BGO, CWO, QUICK OPEN LEVER OPR, AIR CYL OPR, HYD CYL OPR AND ELE OPR AVAILABLE
- ALL GRADES OF ASTM A 216, A 217, A 351, A 352, A 494 & A 995 AVAILABLE
- WORKING ALL OVER THE WORLD FOR THE PAST 11 YEARS

MADE TO DIFFERENT BRANDS, MATERIALS AND END CONNECTIONS



SOLID MODEL OF KNIFE GATE VALVE METAL SEAT

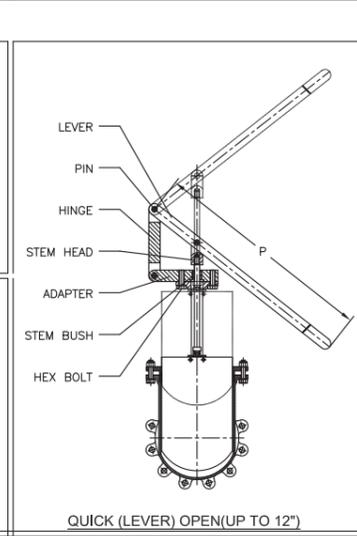
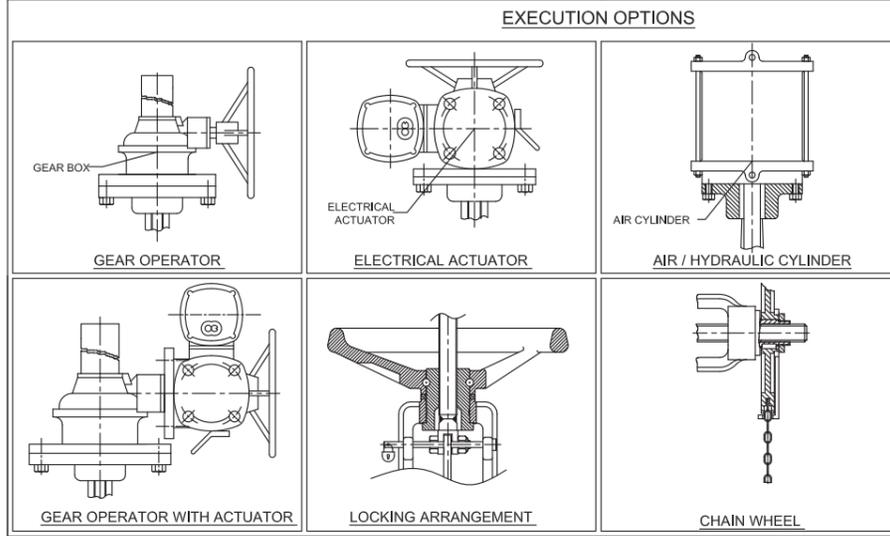
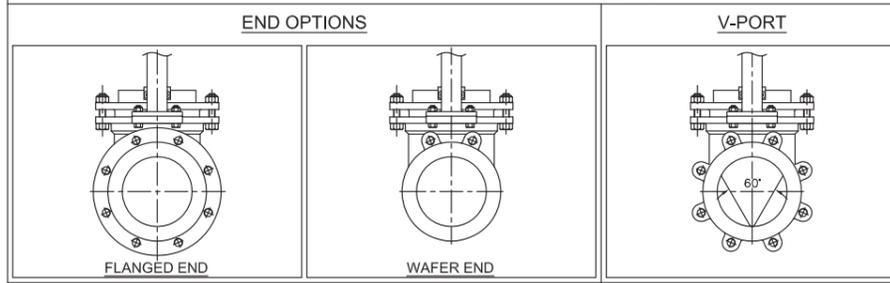
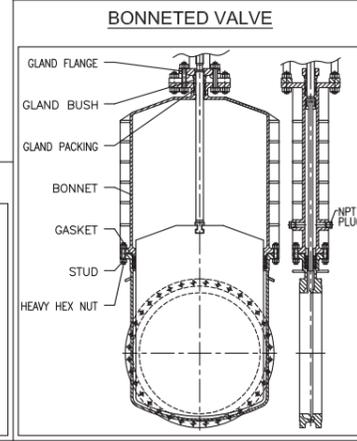
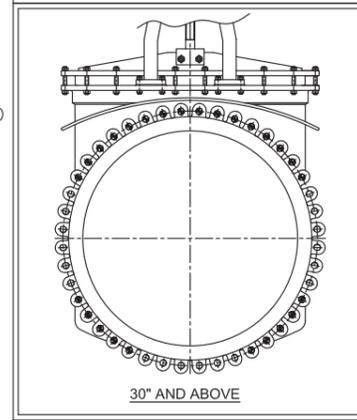
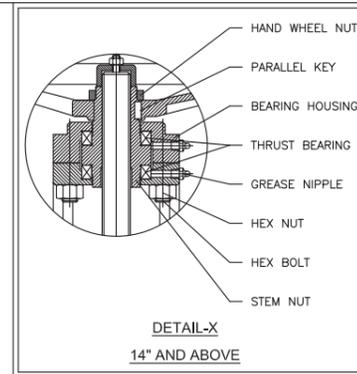
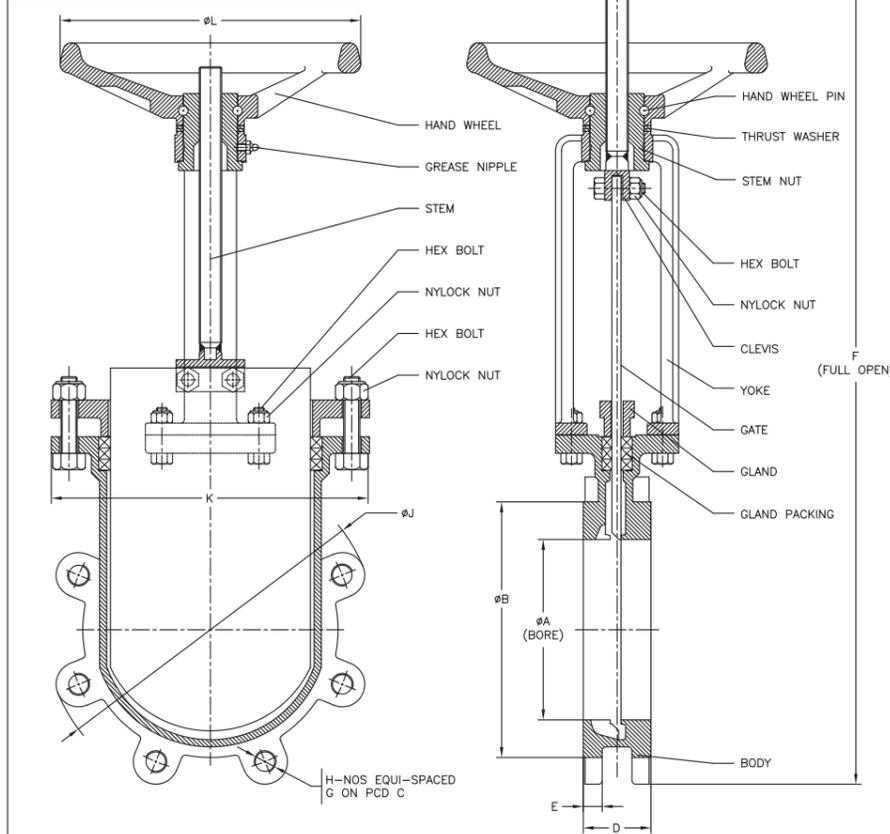


EXPLODED VIEW OF KNIFE GATE VALVE METAL SEAT



GENERAL ASSEMBLY

DESIGN SPECIFICATIONS	
GENERAL VALVE DESIGN	MSS SP-81
PRESSURE TEMPERATURE RATING	AS PER DRAWING
FLANGE DESIGN TO SUIT	ASME B16.5
FACE TO FACE DIMENSION	MSS SP-81
MATERIALS	ASTM
VALVE TESTING	MSS SP-81

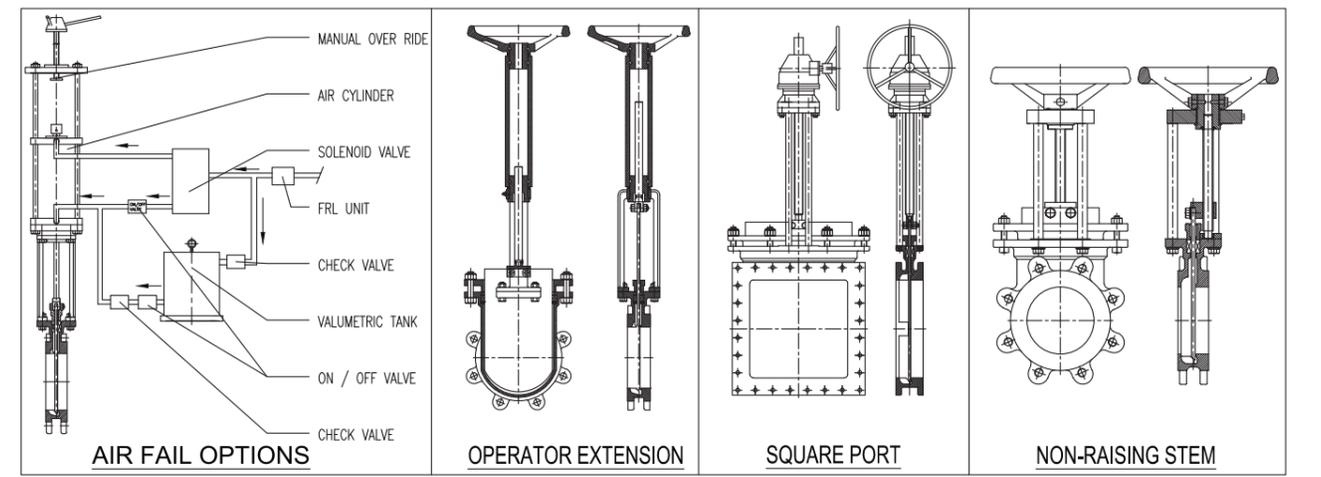


DIMENSIONS

SIZE	INCH	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	30	36	42	48	54	60
ØA	INCH	2.00	2.50	3.00	4.00	5.00	6.00	8.00	10.00	12.00	13.25	15.25	17.25	19.25	23.25	29.25	35.25	41.25	47.25	53.25	59.25
	mm	50.8	63.5	76.2	101.6	127.0	152.4	203.0	254.0	304.8	336.5	387.3	438.1	488.9	590.5	742.9	898.3	1047.7	1200.1	1353.0	1505.0
ØB	INCH	3.62	4.50	5.00	6.19	7.30	8.50	10.62	12.75	15.00	16.25	18.50	21.00	23.00	27.25	33.70	40.20	47.00	53.50	59.48	66.00
	mm	91.9	114.3	127.0	157.2	185.4	215.9	269.7	323.8	381.0	412.7	469.9	533.4	584.2	692.1	856.0	1021.0	1193.8	1358.9	1511.0	1676.0
ØC	INCH	4.75	5.50	6.00	7.50	8.50	9.50	11.75	14.25	17.00	18.75	21.25	22.75	25.00	29.50	36.00	42.75	49.50	56.00	62.75	69.25
	mm	120.7	139.7	152.4	190.5	215.9	241.3	298.5	362.0	431.8	476.3	539.8	577.9	635.0	749.3	914.4	1085.9	1257.3	1422.4	1593.8	1759.0
D	INCH	1.88	2.00	2.00	2.00	2.25	2.25	2.75	3.00	3.00	3.00	3.50	3.50	4.50	4.50	5.75	6.50	7.00	8.00	9.00	10.00
	mm	47.8	50.8	50.8	50.8	57.2	57.2	69.9	76.2	76.2	76.2	88.9	88.9	114.3	114.3	146.0	165.1	177.8	203.2	228.6	254.0
E	INCH	0.50	0.50	0.50	0.50	0.62	0.62	0.75	0.75	0.75	0.81	0.88	0.94	1.00	1.00	1.40	1.58	1.58	1.58	1.58	1.58
	mm	12.7	12.7	12.7	12.7	15.7	16.0	19.1	19.1	19.1	20.6	22.4	23.9	25.4	25.4	35.5	40.0	40.0	40.0	40.0	40.0
F	INCH	15.5	19.3	19.3	23.0	26.2	29.3	36.3	44.0	51.0	57.0	66.0	73.0	79.5	93.0	131.9	151.9	160.0	177.6	196.4	222.2
	mm	394	490	490	584	665	743	921	1118	1295	1448	1676	1854	2019	2362	3350	3858	4064	4511	4988	5643
ØG	INCH	5/8	5/8	5/8	5/8	3/4	3/4	3/4	7/8	7/8	1	1	1 1/8	1 1/8	1 1/4	1 1/4	1 1/2	1 1/2	1 1/2	1 3/4	1 3/4
	mm	15.88	15.88	15.88	15.88	19.05	19.05	19.05	22.23	22.23	25.40	25.40	28.58	28.58	35.15	35.15	38.10	38.10	38.10	44.45	44.45
H	INCH	4	4	4	8	8	8	8	12	12	12	16	16	20	20	28	32	36	44	44	52
	mm	101.6	101.6	101.6	203.2	203.2	203.2	203.2	304.8	304.8	304.8	406.4	406.4	508.0	508.0	711.2	812.8	914.4	1117.6	1117.6	1320.8
ØJ	INCH	6.00	7.00	7.50	9.00	10.00	11.00	13.50	16.00	19.00	21.00	23.50	25.00	27.50	32.00	38.75	46.00	53.00	59.50	66.25	73.00
	mm	152.4	177.8	190.5	228.6	254.0	279.4	342.9	406.4	482.6	533.4	596.9	635.0	698.5	812.8	984.3	1168.4	1346.2	1511.3	1682.8	1854.2
K	INCH	6.14	7.16	7.16	8.66	8.66	10.55	10.55	15.60	18.66	18.66	20.94	20.07	22.50	26.31	38.70	46.00	51.40	55.69	69.88	76.70
	mm	156.0	182.0	182.0	220.0	220.0	268.0	268.0	395.0	474.0	474.0	532.0	510.0	571.0	668.5	984.0	1168.0	1304.0	1440.0	1775.0	1948.0
ØL	INCH	8.0	8.0	8.0	10.0	10.0	12.0	16.0	20.9	24.8	24.8	24.8	30.0	30.0	30.0	38.8	46.0	BGO	BGO	BGO	BGO
	mm	203	203	203	254	254	305	406	530	630	630	630	762	762	762	984	1168	BGO	BGO	BGO	BGO
P	INCH	---	---	15.7	17.7	---	25.6	39.4	68.9	88.6	---	---	---	---	---	---	---	---	---	---	---
	mm	---	---	400	450	---	650	1000	1750	2250	---	---	---	---	---	---	---	---	---	---	---

SIZE	30	36	42	48	54	60
ØA	750	900	1050	1200	1350	1500
	29.25	35.25	41.25	47.25	53.25	59.25
ØB	33.70	40.20	47.00	53.50	59.48	66.00
	856.0	1021.0	1193.8	1358.9	1511.0	1676.0
ØC	36.00	42.75	49.50	56.00	62.75	69.25
	914.4	1085.9	1257.3	1422.4	1593.8	1759.0
D	5.40	6.30	5.42	5.85	7.50	8.50
	136.0	160.0	137.8	148.8	190.5	215.9
E	1.40	1.60	1.58	1.58	1.58	1.58
	35.5	40.6	40.0	40.0	40.0	40.0
F	131.9	151.9	160.0	177.6	196.4	222.2
	3350	3858	4064	4511	4988	5643
ØG	1 1/4	1 1/2	1 1/2	1 1/2	1 3/4	1 3/4
	38.1	38.1	38.1	38.1	44.45	44.45
H	28	32	36	44	44	52
	711.2	812.8	914.4	1117.6	1117.6	1320.8
ØJ	38.75	46.00	53.00	59.50	66.25	73.00
	984.3	1168.4	1346.2	1511.3	1682.8	1854.2
K	38.70	46.00	51.40	55.69	69.88	76.70
	984.0	1168.0	1304.0	1440.0	1775.0	1948.0
ØL	38.8	46.0	BGO	BGO	BGO	BGO
	984	1168	BGO	BGO	BGO	BGO

OTHER 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
GLAND PACKING	BRAIDED PTFE		BRAIDED PTFE		BRAIDED PTFE			BRAIDED PTFE	
GLAND	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	C12	A 352-LCB	LCC
GATE	SS 304		SS 304		SS 304			SS 304	
YOKE	A 216-WCB		A 216-WCB		A 216-WCB			A 216-WCB	
CLEVIS	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
NYLOCK NUT (GATE/CLEVIS)	A 194-2H		A 194-2H		A 194-2H			A 194-2H	
HEX BOLT (GATE/CLEVIS)	A 193-B7		A 193-B7		A 193-B7			A 193-B7	
STEM NUT	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2			AB-1 / A 439-D2	
THRUST WASHER	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2			AB-1 / A 439-D2	
HAND WHEEL PIN	SS 410		SS 410		SS 410			SS 410	
NYLOCK NUT (BODY/GLAND)	A 194-2H		A 194-2H / 7		A 194-2H			A 194-2H / 7	
HEX BOLT (BODY/GLAND)	A 193-B7		A 193-B7 / B16		A 193-B7			A 320-L7 / A 193-B7	
NYLOCK NUT (BODY/YOKE)	A 194-2H		A 194-2H		A 194-2H			A 194-2H	
HEX BOLT (BODY/YOKE)	A 193-B7		A 193-B7		A 193-B7			A 193-B7	
STEM	SS 304		SS 304		SS 304			SS 304	
GREASE NIPPLE	SS 304		SS 304		SS 304			SS 304	
HAND WHEEL	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON			CAST STEEL/DUCTILE IRON	
HEX BOLT (YOKE/BRG HSG)	A 193-B7		A 193-B7		A 193-B7			A 193-B7	
HEX NUT (YOKE/BRG HSG)	A 194-2H		A 194-2H		A 194-2H			A 194-2H	
THRUST BEARING	COMMERCIAL		COMMERCIAL		COMMERCIAL			COMMERCIAL	
BEARING HOUSING	A 216-WCB		A 216-WCB		A 216-WCB			A 216-WCB	
PARALLEL KEY	C40		C40		C40			C40	
HAND WHEEL NUT	C 45 (BLACKODISED)		C 45 (BLACKODISED)		C 45 (BLACKODISED)			C 45 (BLACKODISED)	
STUD	A 193-B7		A 193-B7		A 193-B7			A 193-B7	
HEAVY HEX NUT	A 194-B16		A 194-B16		A 194-2H			A 320-L7	
GASKET	PTFE		PTFE		PTFE			PTFE	
BONNET	A 216-WCB	WCC	A 217-WC6	WC9	A 217-C5	C9	C12	A 352-LCB	LCC
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
NPT PLUG	SS 304		SS 304		SS 304			SS 304	
HEX BOLT (YOKE/ADAPTER)	A 193-B7		A 193-B7		A 193-B7			A 193-B7	
STEM BUSH	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2			AB-1 / A 439-D2	
ADAPTER	A 216-WCB		A 216-WCB		A 216-WCB			A 216-WCB	
STEM HEAD	A 216-WCB		A 216-WCB		A 216-WCB			A 216-WCB	
HINGE	A 216-WCB		A 216-WCB		A 216-WCB			A 216-WCB	
PIN	SS 304		SS 304		SS 304			SS 304	
LEVER	MS		MS		MS			MS	
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	
GLAND PACKING	BRAIDED PTFE		BRAIDED PTFE		BRAIDED PTFE			BRAIDED PTFE	
GLAND	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M	
GATE	SS 304	SS 316	SS 304L	SS 316L	SS 317	SS 317L	SS 347	A 20	
YOKE	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
CLEVIS	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
NYLOCK NUT (GATE/CLEVIS)	SS 304		SS 304		SS 304			SS 304	
HEX BOLT (GATE/CLEVIS)	SS 304		SS 304		SS 304			SS 304	
STEM NUT	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2			AB-1 / A 439-D2	
THRUST WASHER	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2			AB-1 / A 439-D2	
HAND WHEEL PIN	SS 410		SS 410		SS 410			SS 410	
NYLOCK NUT (BODY/GLAND)	SS 304		SS 304		SS 304			SS 304	
HEX BOLT (BODY/GLAND)	SS 304		SS 304		SS 304			SS 304	
NYLOCK NUT (BODY/YOKE)	SS 304		SS 304		SS 304			SS 304	
HEX BOLT (BODY/YOKE)	SS 304		SS 304		SS 304			SS 304	
STEM	SS 304		SS 304		SS 304			SS 304	
GREASE NIPPLE	SS 304		SS 304		SS 304			SS 304	
HAND WHEEL	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON			CAST STEEL/DUCTILE IRON	
HEX BOLT (YOKE/BRG HSG)	SS 304		SS 304		SS 304			SS 304	
HEX NUT (YOKE/BRG HSG)	SS 304		SS 304		SS 304			SS 304	
THRUST BEARING	COMMERCIAL		COMMERCIAL		COMMERCIAL			COMMERCIAL	
BEARING HOUSING	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
PARALLEL KEY	C40		C40		C40			C40	
HAND WHEEL NUT	C 45 (BLACKODISED)		C 45 (BLACKODISED)		C 45 (BLACKODISED)			C 45 (BLACKODISED)	
STUD	A 193-B8		A 193-B8		A 193-B8			A 193-B8M	
HEAVY HEX NUT	A 194-B		A 194-B		A 194-B			A 194-BM	
GASKET	PTFE		PTFE		PTFE			PTFE	
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	
GLAND BUSH	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M	
GLAND FLANGE	A 351-CF8	A 351-CF8M	A 351-CF3	A 351-CF3M	A 351-CG8M	A 351-CG3M	A 351-CF8C	A 351-CN7M	
NPT PLUG	SS 304	SS 316	SS 304L	SS 316L	SS 317	SS 317L	SS 347	A 20	
HEX BOLT (YOKE/ADAPTER)	SS 304		SS 304		SS 304			SS 304	
STEM BUSH	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2			AB-1 / A 439-D2	
ADAPTER	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
STEM HEAD	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
HINGE	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
PIN	SS 304		SS 304		SS 304			SS 304	
LEVER	MS		MS		MS			MS	
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	
GLAND PACKING	BRAIDED PTFE		BRAIDED PTFE		BRAIDED PTFE			BRAIDED PTFE	
GLAND	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	
GATE	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625	
YOKE	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
CLEVIS	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
NYLOCK NUT (GATE/CLEVIS)	SS 304		SS 304		SS 304			SS 304	
HEX BOLT (GATE/CLEVIS)	SS 304		SS 304		SS 304			SS 304	
STEM NUT	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2			AB-1 / A 439-D2	
THRUST WASHER	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2			AB-1 / A 439-D2	
HAND WHEEL PIN	SS 410		SS 410		SS 410			SS 410	
NYLOCK NUT (BODY/GLAND)	SS 304		SS 304		SS 304			SS 304	
HEX BOLT (BODY/GLAND)	SS 304		SS 304		SS 304			SS 304	
NYLOCK NUT (BODY/YOKE)	SS 304		SS 304		SS 304			SS 304	
HEX BOLT (BODY/YOKE)	SS 304		SS 304		SS 304			SS 304	
STEM	SS 304		SS 304		SS 304			SS 304	
GREASE NIPPLE	SS 304		SS 304		SS 304			SS 304	
HAND WHEEL	CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON		CAST STEEL/DUCTILE IRON			CAST STEEL/DUCTILE IRON	
HEX BOLT (YOKE/BRG HSG)	SS 304		SS 304		SS 304			SS 304	
HEX NUT (YOKE/BRG HSG)	SS 304		SS 304		SS 304			SS 304	
THRUST BEARING	COMMERCIAL		COMMERCIAL		COMMERCIAL			COMMERCIAL	
BEARING HOUSING	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
PARALLEL KEY	C40		C40		C40			C40	
HAND WHEEL NUT	C 45 (BLACKODISED)		C 45 (BLACKODISED)		C 45 (BLACKODISED)			C 45 (BLACKODISED)	
STUD	A 193-B8M		A 193-B8M		A 193-B8M			A 193-B8M	
HEAVY HEX NUT	A 194-BM		A 194-BM		A 194-BM			A 194-BM	
GASKET	PTFE		PTFE		PTFE			PTFE	
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	
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	
NPT PLUG	S31254	AL6XN	S31803	S32760	UNS N02200	UNS N04400	UNS N10002	UNS N06625	
HEX BOLT (YOKE/ADAPTER)	SS 304		SS 304		SS 304			SS 304	
STEM BUSH	AB-1 / A 439-D2		AB-1 / A 439-D2		AB-1 / A 439-D2			AB-1 / A 439-D2	
ADAPTER	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
STEM HEAD	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
HINGE	A 351-CF8		A 351-CF8		A 351-CF8			A 351-CF8	
PIN	SS 304		SS 304		SS 304			SS 304	
LEVER	MS		MS		MS			MS	
GEAR BOX	COMMERCIAL		COMMERCIAL		COMMERCIAL			COMMERCIAL	
AIR CYLINDER ACTUATOR	COMMERCIAL		COMMERCIAL		COMMERCIAL			COMMERCIAL	
ELECTRICAL ACTUATOR	COMMERCIAL		COMMERCIAL		COMMERCIAL			COMMERCIAL	

TECHNICAL DATAS

CWP 150							
SIZE		THRUST		TORQUE		Cv	Kv
INCH	mm	KN	lbs	Nm	lbs-ft	Usgpm	cmph
2"	50	2.9	648.0	12.6	9.0	345.1	298.6
2 1/2"	65	3.6	800.0	15.4	11.0	539.3	466.5
3"	80	4.0	898.0	16.8	12.0	776.6	671.8
4"	100	5.6	1253.0	23.8	17.0	1380.6	1194.3
5"	125	7.8	1754.0	33.3	23.8	2157.1	1866.0
6"	150	9.2	2077.0	51.8	37.0	3106.3	2687.1
8"	200	16.0	3590.0	88.2	63.0	5522.2	4777.0
10"	250	24.3	5469.0	135.8	97.0	8628.5	7464.1
12"	300	32.5	7299.0	197.4	141.0	12425.0	10748.3
14"	350	38.1	8573.0	232.4	166.0	15148.4	13104.2
16"	400	48.7	10959.0	322.0	230.0	20066.7	17358.7
18"	450	64.1	14409.0	422.8	302.0	25675.2	22210.4
20"	500	76.5	17189.0	572.6	409.0	31974.0	27659.2
24"	600	105.9	23801.0	828.8	592.0	46642.4	40348.1
30"	750	135.3	30413.0	1059.0	756.4	73822.2	63860.0
36"	900	164.7	37025.0	1289.3	920.9	107214.5	92746.1
42"	1050	287.7	64677.5	2157.8	1541.3	146819.3	127006.3
48"	1200	400.8	90103.4	3204	2288.6	192636.7	166640.7
54"	1350	541.6	121756.5	4593.3	3280.9	244666.5	211649.2
60"	1500	644.8	144956.8	6101	4357.9	302908.9	262031.9

CWP 75							
INCH	mm	KN	lbs	Nm	lbs-ft	Usgpm	cmph
30"	750	74.16	16672.2	562.			