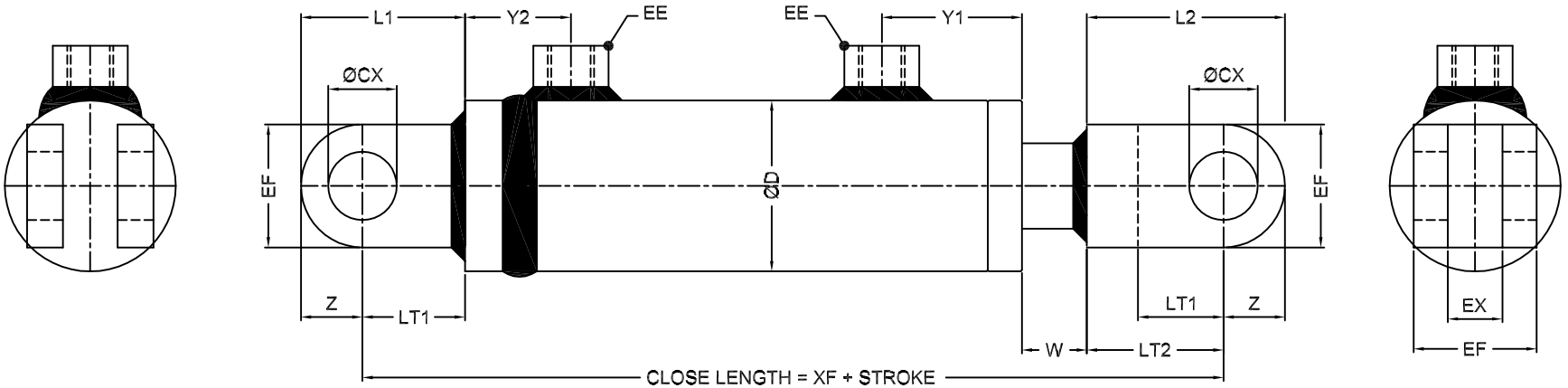
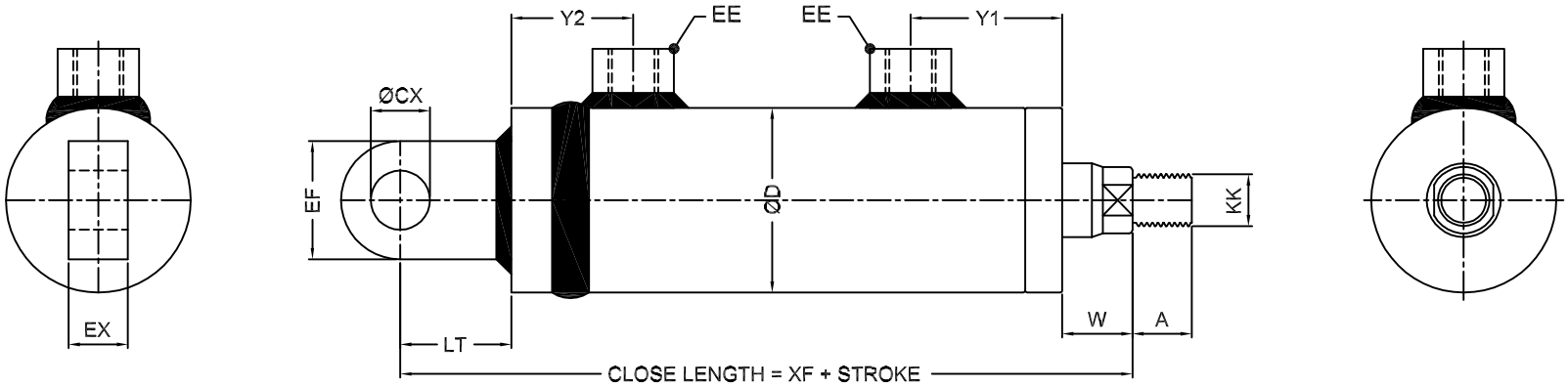
WELDED CYLINDERS
MOUNTING : BOTH END FEMALE CLEVIS



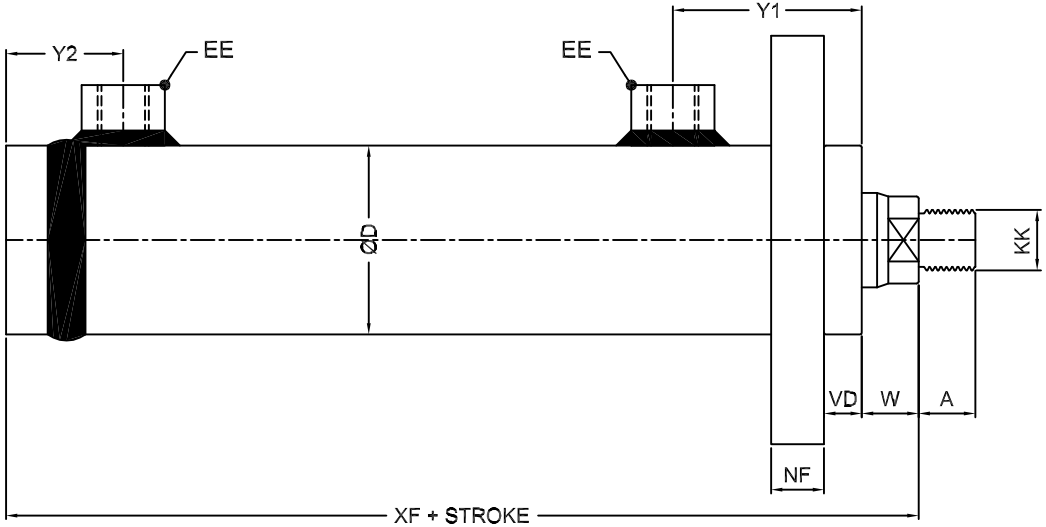
BORE DIA	ROD DIA	ØD	XF	W	Y1	Y2	CX Ø	LT1	LT2	EX	EF	Z	L1	L2	EE
40	20	50	203	15	41	31	16	30	45	16	32	16	46	61	G 3/8
	25	50	203	15	41	31	16	30	45	16	32	16	46	61	G 3/8
50	25	60	229	18	49	31	20	35	50	20	40	20	55	70	G 3/8
	30	60	229	18	49	31	20	35	50	20	40	20	55	70	G 3/8
63	30	73	259	18	57	37	25	40	60	25	50	25	65	85	G 1/2
	40	73	259	18	57	37	25	40	60	25	50	25	65	85	G 1/2
80	40	92	299	25	57	39	35	50	75	30	70	35	85	110	G 1/2
	45	92	299	25	57	39	35	50	75	30	70	35	85	110	G 1/2
	50	92	299	25	57	39	35	50	75	30	70	35	85	110	G 1/2
100	45	115	370	30	69	44	40	65	100	40	80	40	105	140	G 1/2
	56	115	370	30	69	44	40	65	100	40	80	40	105	140	G 1/2
	70	115	370	30	69	44	40	65	100	40	80	40	105	140	G 1/2
125	70	145	435	35	79	49	50	80	120	50	100	50	130	170	G 3/4
	90	145	435	35	79	49	50	80	120	50	100	50	130	170	G 3/4

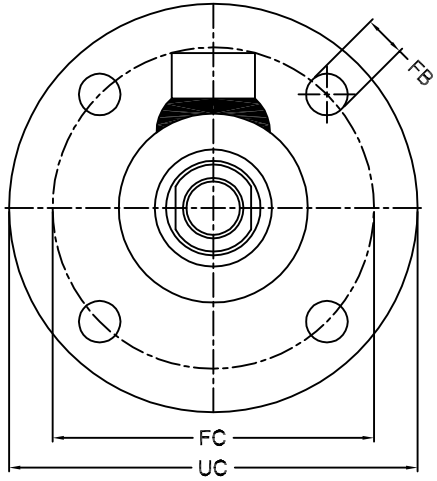
WELDED CYLINDERS
MOUNTING : MALE CLEVIS, ROD END THREADED



BORE DIA	ROD DIA	ØD	XF	W	Y1	Y2	CX Ø	LT	EF	EX	EE	A	KK
40	20	50	158	15	41	31	16	30	32	16	G 3/8	15	M16xP1.5
	25	50	158	15	41	31	16	30	32	16	G 3/8	15	M16xP1.5
50	25	60	179	18	49	31	20	35	40	20	G 3/8	15	M16xP1.5
	30	60	179	18	49	31	20	35	40	20	G 3/8	20	M20xP1.5
63	30	73	199	18	57	37	25	40	50	25	G 1/2	20	M20xP1.5
	40	73	199	18	57	37	25	40	50	25	G 1/2	30	M27xP2.0
80	40	92	224	25	57	39	35	50	70	35	G 1/2	30	M27xP2.0
	45	92	224	25	57	39	35	50	70	35	G 1/2	35	M33xP2.0
	50	92	224	25	57	39	35	50	70	35	G 1/2	40	M39xP2.0
100	45	115	270	30	69	44	40	65	80	40	G 1/2	35	M33xP2.0
	50	115	270	30	69	44	40	65	80	40	G 1/2	40	M39xP2.0
	70	115	270	30	69	44	40	65	80	40	G 1/2	45	M48xP2.0
125	70	145	315	35	79	49	50	80	100	50	G 3/4	45	M48xP2.0
	90	145	315	35	79	49	50	80	100	50	G 3/4	55	M64xP2.0

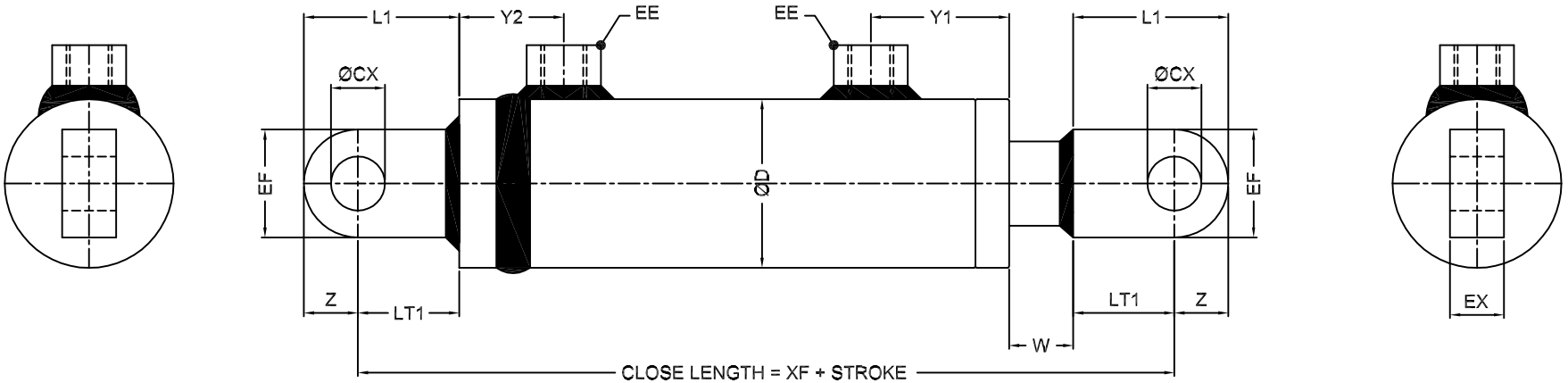
WELDED CYLINDERS
MOUNTING : FRONT FLANGE - ROUND





BORE DIA	ROD DIA	ØD	XF	Y1	Y2	NF	VD	W	FB Ø	FC	UC	EE	A	KK
40	20	50	143	50	31	14	10	15	11	80	100	G 3/8	15	M16xP1.5
	25	50	143	50	31	14	10	15	11	80	100	G 3/8	15	M16xP1.5
50	25	60	159	55	31	16	10	18	13.5	100	125	G 3/8	15	M16xP1.5
	30	60	159	55	31	16	10	18	13.5	100	125	G 3/8	20	M20xP1.5
63	30	73	179	60	37	20	10	18	17.5	110	140	G 1/2	20	M20xP1.5
	40	73	179	60	37	20	10	18	17.5	110	140	G 1/2	30	M27xP2.0
80	40	92	194	70	39	25	10	25	22	150	190	G 1/2	30	M27xP2.0
	45	92	194	70	39	25	10	25	22	150	190	G 1/2	35	M33xP2.0
	50	92	194	70	39	25	10	25	22	150	190	G 1/2	40	M39xP2.0
100	45	125	225	82	44	35	12	30	22	180	220	G 1/2	35	M33xP2.0
	50	125	225	82	44	35	12	30	22	180	220	G 1/2	40	M39xP2.0
	70	125	225	82	44	35	12	30	22	180	220	G 1/2	45	M48xP2.0
125	70	145	255	102	49	48	12	35	25.5	210	260	G 3/4	45	M48xP2.0
	90	145	255	102	49	48	12	35	25.5	210	260	G 3/4	55	M64xP2.0

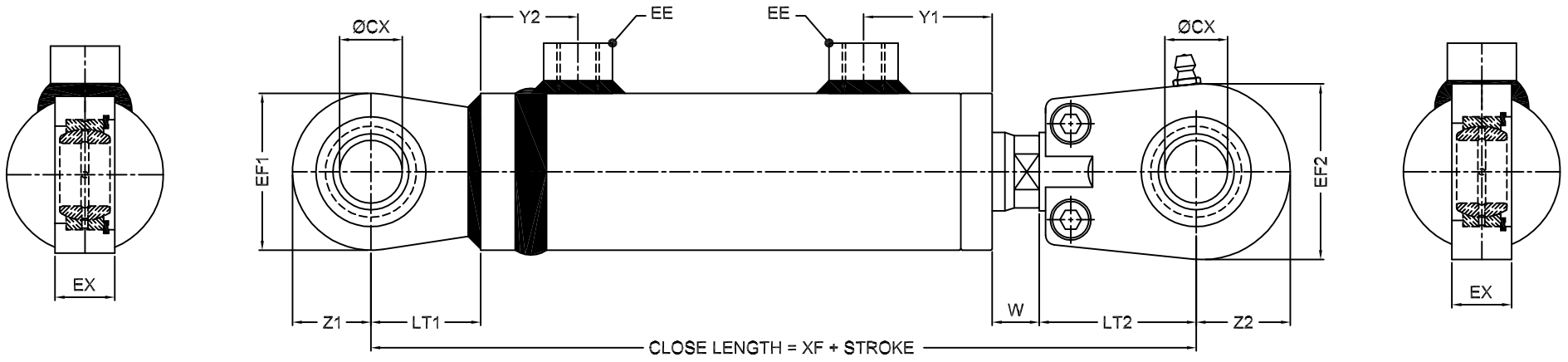
WELDED CYLINDERS
MOUNTING : BOTH END MALE CLEVIS



BORE DIA	ROD DIA	ØD	XF	W	Y1	Y2	CX Ø	LT1	EX	EF	Z	L1	EE
40	20	50	188	15	41	31	16	30	16	32	16	46	G 3/8
	25	50	188	15	41	31	16	30	16	32	16	46	G 3/8
50	25	60	214	18	49	31	20	35	20	40	20	55	G 3/8
	30	60	214	18	49	31	20	35	20	40	20	55	G 3/8
63	30	73	239	18	57	37	25	40	25	50	25	65	G 1/2
	40	73	239	18	57	37	25	40	25	50	25	65	G 1/2
80	40	92	274	25	57	39	35	50	30	70	35	85	G 1/2
	45	92	274	25	57	39	35	50	30	70	35	85	G 1/2
	50	92	274	25	57	39	35	50	30	70	35	85	G 1/2
100	45	115	335	30	69	44	40	65	40	80	40	105	G 1/2
	56	115	335	30	69	44	40	65	40	80	40	105	G 1/2
	70	115	335	30	69	44	40	65	40	80	40	105	G 1/2
125	70	145	395	35	79	49	50	80	50	100	50	130	G 3/4
	90	145	395	35	79	49	50	80	50	100	50	130	G 3/4

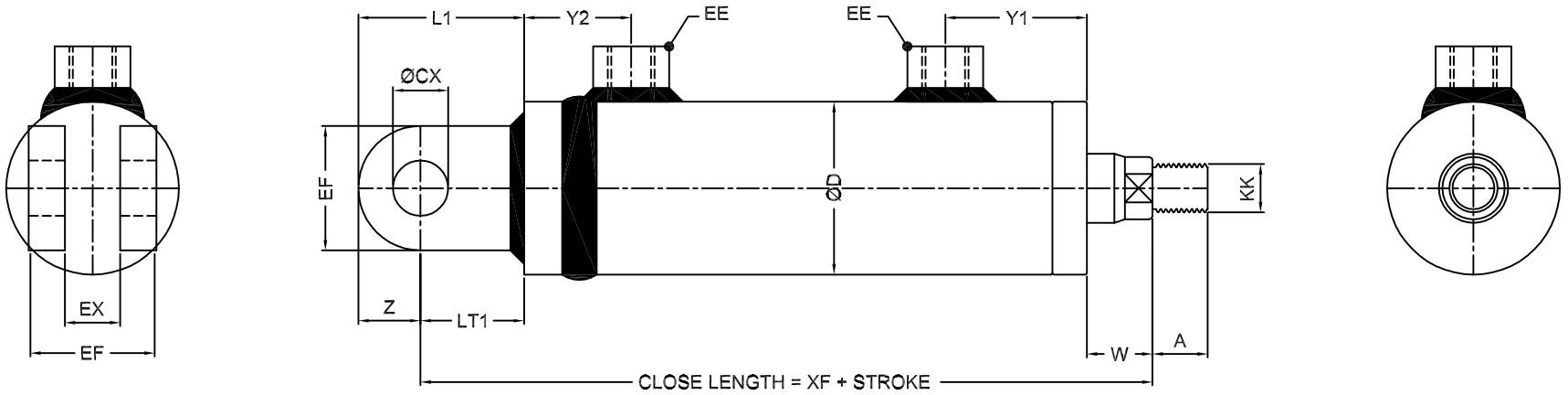
WELDED CYLINDERS

MOUNTING : BOTH END WITH SPHERICAL BEARING CLEVIS



BORE DIA	ROD DIA	ØD	XF	W	Y1	Y2	CX Ø	LT1	LT2	EF1	EF2	Z1	Z2	EX	EE
40	20	50	213	15	41	31	20	35	50	50	56	25	30	19	G 3/8
	25	50	213	15	41	31	20	35	50	50	56	25	30	19	G 3/8
50	25	60	234	18	49	31	25	40	50	55	56	27.5	30	23	G 3/8
	30	60	234	18	49	31	25	40	50	55	56	27.5	30	23	G 3/8
63	30	73	269	18	57	37	30	50	60	65	64	32.5	34	28	G 1/2
	40	73	269	18	57	37	30	50	60	65	64	32.5	34	28	G 1/2
80	40	92	304	25	57	39	35	60	70	83	78	41.5	42	30	G 1/2
	45	92	304	25	57	39	35	60	70	83	78	41.5	42	30	G 1/2
	50	92	304	25	57	39	35	60	70	83	78	41.5	42	30	G 1/2
100	45	115	355	30	69	44	40	65	85	100	94	50	50	35	G 1/2
	56	115	355	30	69	44	40	65	85	100	94	50	50	35	G 1/2
	70	115	355	30	69	44	40	65	85	100	94	50	50	35	G 1/2
125	70	145	425	35	79	49	50	85	105	123	116	61.5	58	40	G 3/4
	90	145	425	35	79	49	50	85	105	123	116	61.5	58	40	G 3/4

WELDED CYLINDERS
MOUNTING : FEMALE CLEVIS, ROD END THREADED



BORE DIA	ROD DIA	ØD	XF	W	Y1	Y2	CX Ø	L1	LT1	EF	EX	Z	EE	A	KK
40	20	50	158	15	41	31	16	46	30	32	16	16	G 3/8	15	M16xP1.5
	25	50	158	15	41	31	16	46	30	32	16	16	G 3/8	15	M16xP1.5
50	25	60	179	18	49	31	20	55	35	40	20	20	G 3/8	15	M16xP1.5
	30	60	179	18	49	31	20	55	35	40	20	20	G 3/8	20	M20xP1.5
63	30	73	199	18	57	37	25	65	40	50	25	25	G 1/2	20	M20xP1.5
	40	73	199	18	57	37	25	65	40	50	25	25	G 1/2	30	M27xP2.0
80	40	92	224	25	57	39	35	85	50	70	35	35	G 1/2	30	M27xP2.0
	45	92	224	25	57	39	35	85	50	70	35	35	G 1/2	35	M33xP2.0
	50	92	224	25	57	39	35	85	50	70	35	35	G 1/2	40	M39xP2.0
100	45	115	270	30	69	44	40	105	65	80	40	40	G 1/2	35	M33xP2.0
	56	115	270	30	69	44	40	105	65	80	40	40	G 1/2	40	M39xP2.0
	70	115	270	30	69	44	40	105	65	80	40	40	G 1/2	45	M48xP2.0
125	70	145	315	35	79	49	50	130	80	100	50	50	G 3/4	45	M48xP2.0
	90	145	315	35	79	49	50	130	80	100	50	50	G 3/4	55	M64xP2.0