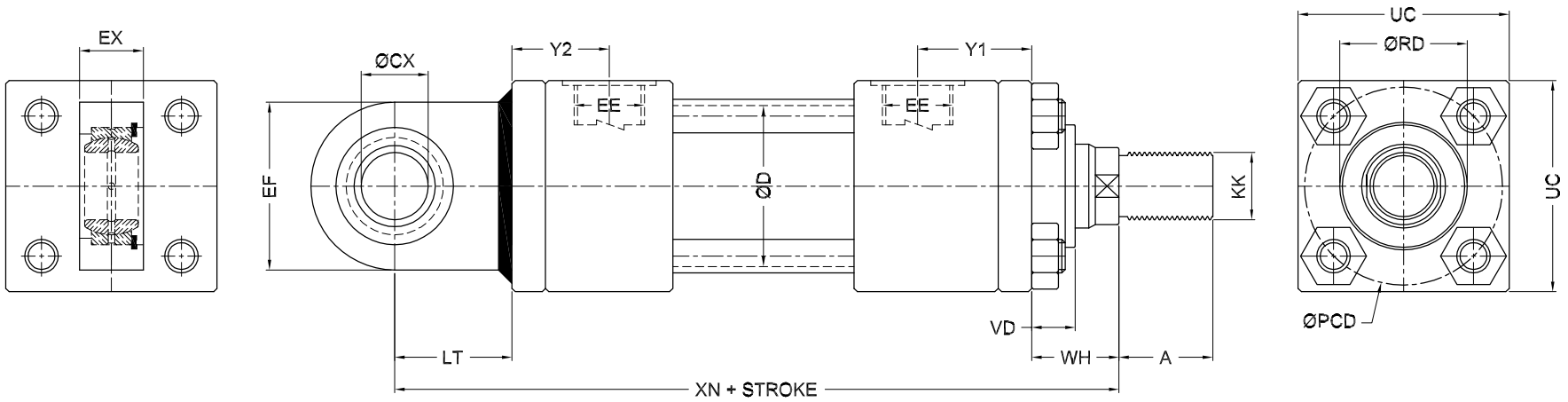
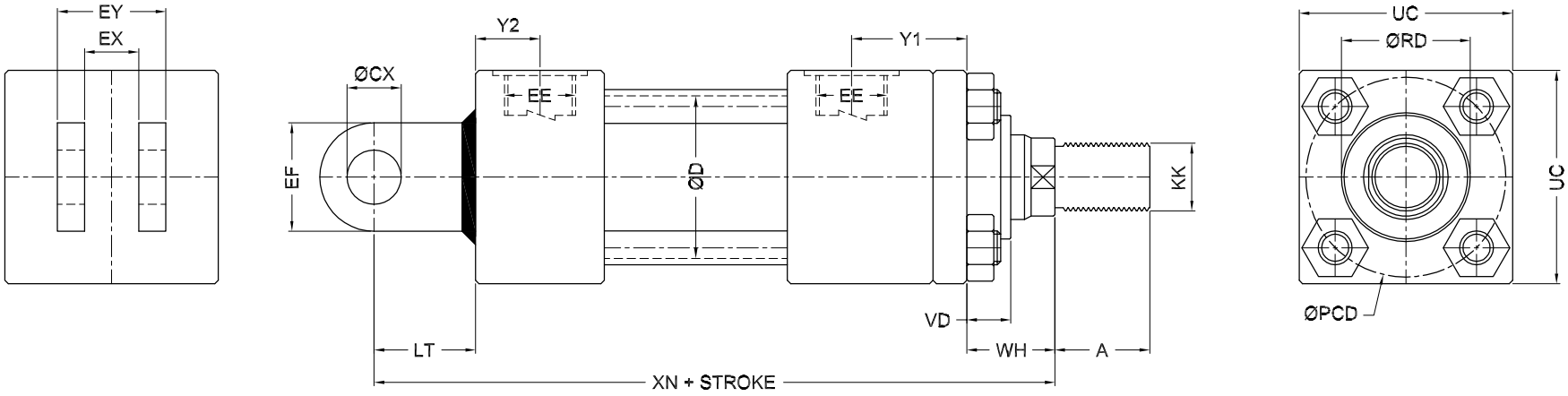
TIE ROD CYLINDERS

MOUNTING : SELF-ALIGNING CLEVIS AT CYLINDER CAP



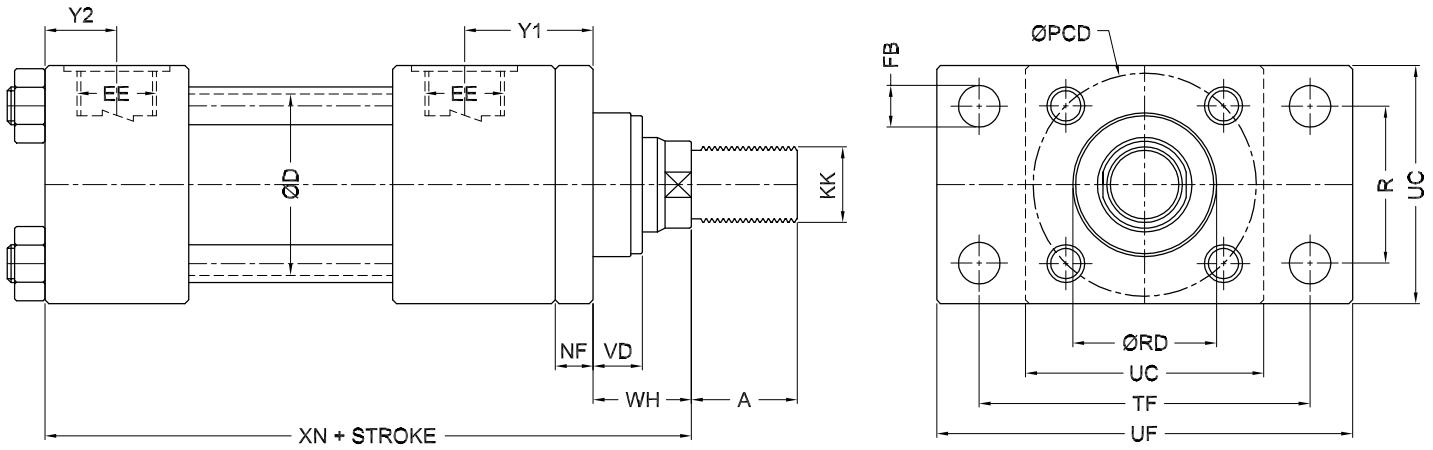
BORE DIA	ROD DIA	ØD	XN	CX Ø	UC	RD Ø	PCD Ø	Y1	Y2	LT	EF	EX	VD	WH	EE	A	KK
40	25	48	195	20	63	38	59	34	29	35	50	19	13	25	G 1/2	28	M20xP1.5
50	25	60	206	25	76	38	74	38	35	40	55	23	7	19	G 1/2	28	M20xP1.5
	36	60	212.5	25	76	50	74	38	35	40	55	23	10	25.5	G 1/2	41	M26xP1.5
63	28	73	220	30	89	42	91.5	38	35	50	65	28	6	19	G 1/2	28	M20xP1.5
	36	73	226.5	30	89	50	91.5	38	35	50	65	28	10	25.5	G 1/2	41	M26xP1.5
	45	73	233	30	89	60	91.5	38	35	50	65	28	13	32	G 1/2	50	M33xP2.0
80	36	90	256	35	114	50	117	43.5	40.5	60	83	30	6	22	G 3/4	41	M26xP1.5
	45	90	262.5	35	114	60	117	43.5	40.5	60	83	30	10	28.5	G 3/4	51	M33xP2.0
	56	90	266	35	114	70	117	43.5	40.5	60	83	30	10	32	G 3/4	57	M39xP2.0
100	45	115	279.5	40	127	60	137	47.5	44.5	65	100	35	6	25.5	G 3/4	51	M33xP2.0
	50	115	282.5	40	127	70	137	47.5	44.5	65	100	35	6	28.5	G 3/4	57	M39xP2.0
	70	115	289	40	127	90	137	47.5	44.5	65	100	35	10	35	G 3/4	76	M48xP2.0
125	56	145	314.5	50	165	70	178	47.5	44.5	85	123	40	6	28.5	G 3/4	57	M39xP2.0
	90	145	321	50	165	108	178	47.5	44.5	85	123	40	10	35	G 3/4	89	M64xP2.0

TIE ROD CYLINDERS
MOUNTING : FORK CLEVIS AT CYLINDER CAP



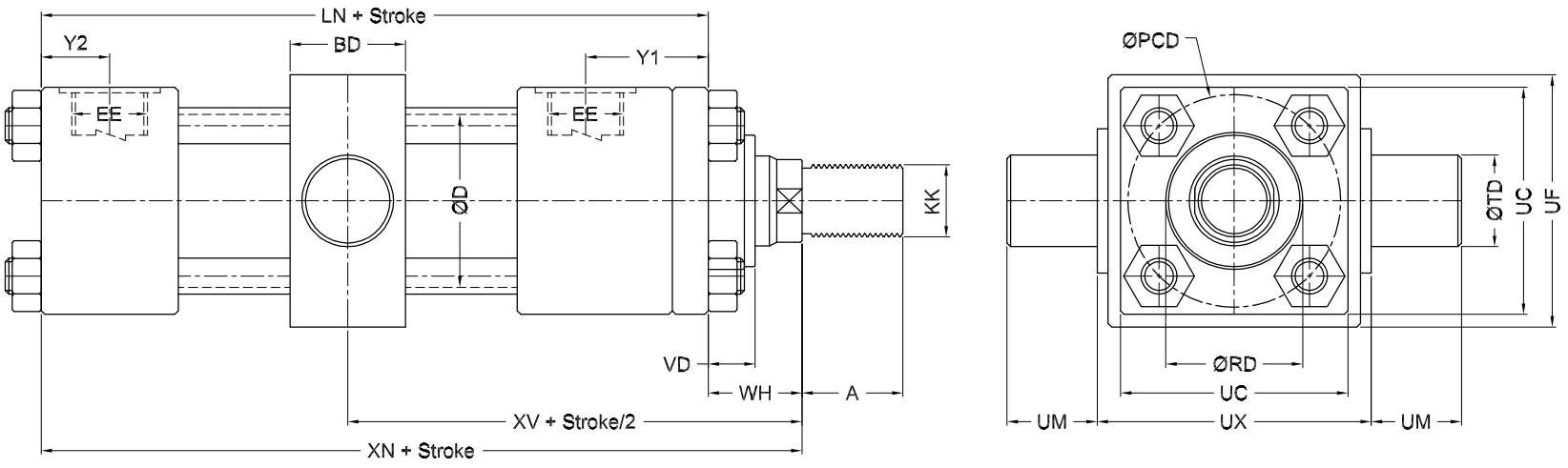
BORE DIA	ROD DIA	ØD	XN	CX Ø	UC	RD Ø	PCD Ø	Y1	Y2	LT	EF	EX	EY	VD	WH	EE	A	KK
40	25	48	180	16	63	38	59	34	19	30	32	16	32	13	25	G 1/2	28	M20xP1.5
50	25	60	185	20	76	38	74	38	19	35	40	20	40	7	19	G 1/2	28	M20xP1.5
	36	60	191.5	20	76	50	74	38	19	35	40	20	40	10	25.5	G 1/2	41	M26xP1.5
63	28	73	194	25	89	42	91.5	38	19	40	50	25	50	6	19	G 1/2	28	M20xP1.5
	36	73	200.5	25	89	50	91.5	38	19	40	50	25	50	10	25.5	G 1/2	41	M26xP1.5
	45	73	207	25	89	60	91.5	38	19	40	50	25	50	13	32	G 1/2	50	M33xP2.0
80	36	90	227	35	114	50	117	43.5	21.5	50	70	35	70	6	22	G 3/4	41	M26xP1.5
	45	90	233.5	35	114	60	117	43.5	21.5	50	70	35	70	10	28.5	G 3/4	51	M33xP2.0
	56	90	237	35	114	70	117	43.5	21.5	50	70	35	70	10	32	G 3/4	57	M39xP2.0
100	45	115	256.5	40	127	60	137	47.5	21.5	65	80	40	80	6	25.5	G 3/4	51	M33xP2.0
	50	115	259.5	40	127	70	137	47.5	21.5	65	80	40	80	6	28.5	G 3/4	57	M39xP2.0
	70	115	266	40	127	90	137	47.5	21.5	65	80	40	80	10	35	G 3/4	76	M48xP2.0
125	56	145	286.5	50	165	70	178	47.5	21.5	80	100	50	100	6	28.5	G 3/4	57	M39xP2.0
	90	145	293	50	165	108	178	47.5	21.5	80	100	50	100	10	35	G 3/4	89	M64xP2.0

TIE ROD CYLINDERS
MOUNTING : RECTANGULAR FLANGE AT CYLINDER HEAD



BORE DIA	ROD DIA	ØD	XN	UC	UF	TF	R	FB Ø	RD Ø	PCD Ø	Y1	Y2	NF	VD	WH	EE	A	KK
40	25	48	150	63	110	87.5	41.5	11	38	59	34	19	10	13	25	G 1/2	28	M20xP1.5
50	25	60	150	76	130	105	52	14	38	74	38	19	16	7	19	G 1/2	28	M20xP1.5
	36	60	156.5	76	130	105	52	14	50	74	38	19	16	10	25.5	G 1/2	41	M26xP1.5
63	28	73	154	89	140	117.5	65	14	42	91.5	38	19	16	6	19	G 1/2	28	M20xP1.5
	36	73	160.5	89	140	117.5	65	14	50	91.5	38	19	16	10	25.5	G 1/2	41	M26xP1.5
	45	73	167	89	140	117.5	65	14	60	91.5	38	19	16	13	32	G 1/2	50	M33xP2.0
80	36	90	177	114	180	149	82.5	18	50	117	43.5	21.5	19	6	22	G 3/4	41	M26xP1.5
	45	90	183.5	114	180	149	82.5	18	60	117	43.5	21.5	19	10	28.5	G 3/4	51	M33xP2.0
	56	90	187	114	180	149	82.5	18	70	117	43.5	21.5	19	10	32	G 3/4	57	M39xP2.0
100	45	115	191.5	127	195	162	97	18	60	137	47.5	21.5	23	6	25.5	G 3/4	51	M33xP2.0
	50	115	194.5	127	195	162	97	18	70	137	47.5	21.5	23	6	28.5	G 3/4	57	M39xP2.0
	70	115	201	127	195	162	97	18	90	137	47.5	21.5	23	10	35	G 3/4	76	M48xP2.0
125	56	145	206.5	165	250	208	125	23	70	178	47.5	21.5	23	6	28.5	G 3/4	57	M39xP2.0
	90	145	213	165	250	208	125	23	108	178	47.5	21.5	23	10	35	G 3/4	89	M64xP2.0

TIE ROD CYLINDERS
MOUNTING : TRUNNION AT CYLINDER CENTER



BORE DIA	ROD DIA	ØD	XN	MIN STROKE	LN	XV	UC	UF	UX	UM	BD	TD Ø	RD Ø	PCD Ø	Y1	Y2	VD	WH	EE	A	KK
40	25	48	150	10	125	95	63	70	76	25	32	25.40	38	59	34	19	13	25	G 1/2	28	M20xP1.5
50	25	60	150	10	131	95	76	85	89	35	38	34.93	38	74	38	19	7	19	G 1/2	28	M20xP1.5
	36	60	156.5	10	131	101.5	76	85	89	35	38	34.93	50	74	38	19	10	25.5	G 1/2	41	M26xP1.5
63	28	73	154	10	135	97	89	95	101.5	35	38	34.93	42	91.5	38	19	6	19	G 1/2	28	M20xP1.5
	36	73	160.5	10	135	103.5	89	95	101.5	35	38	34.93	50	91.5	38	19	10	25.5	G 1/2	41	M26xP1.5
	45	73	167	10	135	110	89	95	101.5	35	38	34.93	60	91.5	38	19	13	32	G 1/2	50	M33xP2.0
80	36	90	177	20	155	112	114	120	127	45	51	44.45	50	117	43.5	21.5	6	22	G 3/4	41	M26xP1.5
	45	90	183.5	20	155	118.5	114	120	127	45	51	44.45	60	117	43.5	21.5	10	28.5	G 3/4	51	M33xP2.0
	56	90	187	20	155	122	114	120	127	45	51	44.45	70	117	43.5	21.5	10	32	G 3/4	57	M39xP2.0
100	45	115	191.5	20	166	123	127	140	139.5	45	51	44.45	60	137	47.5	21.5	6	25.5	G 3/4	51	M33xP2.0
	50	115	194.5	20	166	126	127	140	139.5	45	51	44.45	70	137	47.5	21.5	6	28.5	G 3/4	57	M39xP2.0
	70	115	201	20	166	132.5	127	140	139.5	45	51	44.45	90	137	47.5	21.5	10	35	G 3/4	76	M48xP2.0
125	56	145	206.5	20	178	132	165	195	177.5	45	51	44.45	70	178	47.5	21.5	6	28.5	G 3/4	57	M39xP2.0
	90	145	213	20	178	138.5	165	195	177.5	45	51	44.45	108	178	47.5	21.5	10	35	G 3/4	89	M64xP2.0