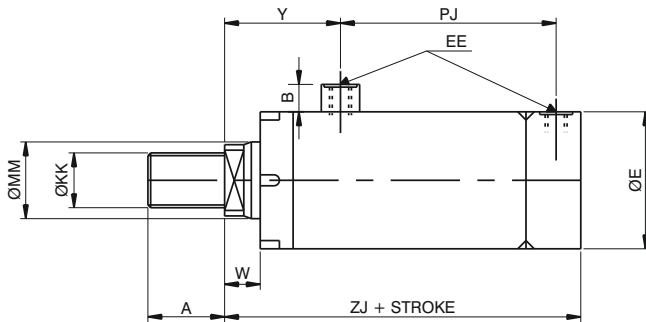


HG GLAND TYPE SERIES



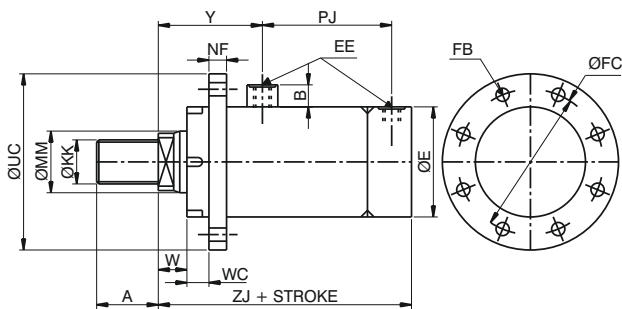
WORKING PRESSURE- 160 BAR

TEST PRESSURE- 240 BAR



BASIC DIMENSIONS

BORE	ROD mm	KK	A	EE BSP	B	W	ZJ	E	Y	PJ
40	22	M16x1.5	22	1/2"	18	13	190	50	71	97
	28	M20x1.5	28							
50	28	M20x1.5	28	1/2"	18	14	205	60	72	111
	36	M27x2	36							
63	36	M27x2	36	3/4"	20	16	224	76	82	117
	45	M33x2	45							
80	45	M33x2	45	3/4"	20	18	250	95	91	134
	56	M42x2	56							
100	56	M42x2	56	1"	22	20	300	115	108	162
	70	M48x2	63							
125	70	M48x2	63	1"	22	23	325	140	121	174
	90	M64x3	85							
160	90	M64x3	85	1 1/4"	25	25	370	181	143	191
	110	M80x3	95							
200	110	M80x3	95	1 1/4"	25	30	450	225	190	224
	140	M100x3	112							
250	140	M100x3	112	1 1/2"	32	32	550	281	205	290
	180	M125x4	125							
320	180	M125x4	125	1 1/2"	32	37	660	350	250	358
	220	M160x4	160							



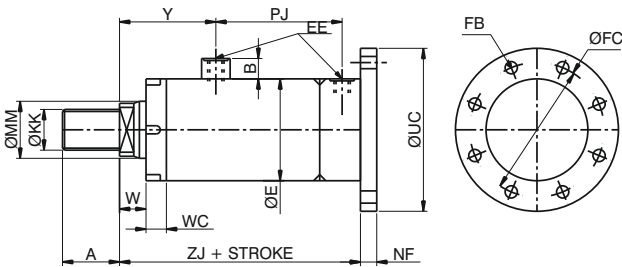
UMF3- HEAD END CIRCULAR FLANGE MOUNTING

BORE	ROD mm	KK	A	EE BSP	B	W	ZJ	E	Y	PJ	ØUC	WC	NF	FC	FB
40	22	M16x1.5	22	1/2"	18	13	190	50	71	97	125	10	16	106	8xØ9
	28	M20x1.5	28												
50	28	M20x1.5	28	1/2"	18	14	205	60	72	111	150	11	20	126	8xØ11
	36	M27x2	36												
63	36	M27x2	36	3/4"	20	16	224	76	82	117	175	11	25	145	8xØ13.5
	45	M33x2	45												
80	45	M33x2	45	3/4"	20	18	250	95	91	134	200	15	32	165	8xØ17.5
	56	M42x2	56												
100	56	M42x2	56	1"	22	20	300	115	108	162	245	18	32	200	8xØ22
	70	M48x2	63												
125	70	M48x2	63	1"	22	23	325	140	121	174	280	20	32	235	8xØ22
	90	M64x3	85												
160	90	M64x3	85	1 1/4"	25	25	370	181	143	191	330	25	36	280	8xØ22
	110	M80x3	95												
200	110	M80x3	95	1 1/4"	25	30	450	225	190	224	390	30	40	340	8xØ26
	140	M100x3	112												
250	140	M100x3	112	1 1/2"	32	32	550	281	205	290	480	32	56	420	8xØ33
	180	M125x4	125												
320	180	M125x4	125	1 1/2"	32	37	660	350	250	358	590	40	63	520	8xØ39
	220	M160x4	160												

WORKING PRESSURE- 160 BAR

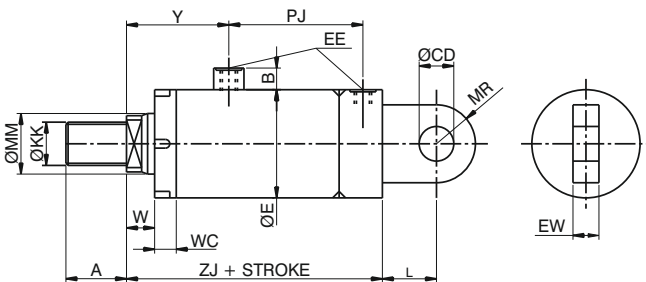
TEST PRESSURE- 240 BAR

UMF4- CAP END CIRCULAR FLANGE MOUNTING



BORE	ROD mm	KK	A	EE BSP	B	W	ZJ	ØE	Y	PJ	ØUC	WC	NF	FC	FB
40	22	M16x1.5	22	1/2"	18	13	190	50	71	97	125	10	16	106	8xØ9
	28	M20x1.5	28												
50	28	M20x1.5	28	1/2"	18	14	205	60	72	111	150	11	20	126	8xØ11
	36	M27x2	36												
63	36	M27x2	36	3/4"	20	16	224	76	82	117	175	11	25	145	8xØ13.5
	45	M33x2	45												
80	45	M33x2	45	3/4"	20	18	250	95	91	134	200	15	32	165	8xØ17.5
	56	M42x2	56												
100	56	M42x2	56	1"	22	20	300	115	108	162	245	18	32	200	8xØ22
	70	M48x2	63												
125	70	M48x2	63	1"	22	23	325	140	121	174	280	20	32	235	8xØ22
	90	M64x3	85												
160	90	M64x3	85	1 1/4"	25	25	370	181	143	191	330	25	36	280	8xØ22
	110	M80x3	95												
200	110	M80x3	95	1 1/4"	25	30	450	225	190	224	390	30	40	340	8xØ26
	140	M100x3	112												
250	140	M100x3	112	1 1/2"	32	32	550	281	205	290	480	32	56	420	8xØ33
	180	M125x4	125												
320	180	M125x4	125	1 1/2"	32	37	660	350	250	358	590	40	63	520	8xØ39
	220	M160x4	160												

UMP3 - CAP FIXED EYE MOUNTING

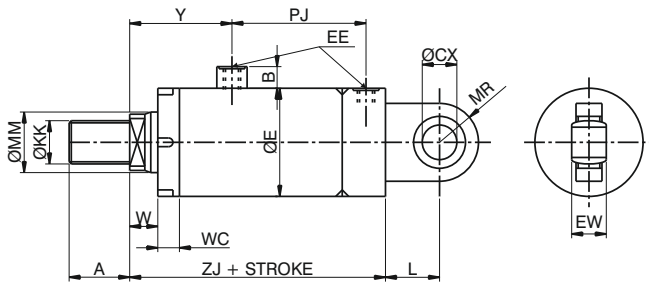


BORE	ROD mm	KK	A	EE BSP	B	W	ZJ	ØE	Y	PJ	ØUC H9	L	MR	EW h12
40	22	M16x1.5	22	1/2"	18	13	190	50	71	97	20	25	25	20
	28	M20x1.5	28											
50	28	M20x1.5	28	1/2"	18	14	205	60	72	111	25	32	32	25
	36	M27x2	36											
63	36	M27x2	36	3/4"	20	16	224	76	82	117	32	40	40	32
	45	M33x2	45											
80	45	M33x2	45	3/4"	20	18	250	95	91	134	40	50	50	40
	56	M42x2	56											
100	56	M42x2	56	1"	22	20	300	115	108	162	50	63	63	50
	70	M48x2	63											
125	70	M48x2	63	1"	22	23	325	140	121	174	63	71	71	63
	90	M64x3	85											
160	90	M64x3	85	1 1/4"	25	25	370	181	143	191	80	90	90	80
	110	M80x3	95											
200	110	M80x3	95	1 1/4"	25	30	450	225	190	224	100	112	112	100
	140	M100x3	112											
250	140	M100x3	112	1 1/2"	32	32	550	281	205	290	125	160	160	125
	180	M125x4	125											
320	180	M125x4	125	1 1/2"	32	37	660	350	250	358	160	200	200	160
	220	M160x4	160											

WORKING PRESSURE- 160 BAR

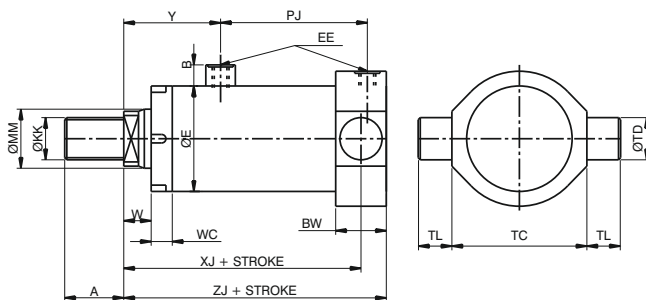
TEST PRESSURE- 240 BAR

UMP5- CAP FIXED EYE WITH SPHERICAL PLAIN BEARING MOUNTING



BORE	ROD mm	KK	A	EE BSP	B	W	ZJ	ØE	Y	PJ	ØUC H7	L	MR	EW h12
40	22	M16x1.5	22	1/2"	18	13	190	50	71	97	20	25	25	20
	28	M20x1.5	28											
50	28	M20x1.5	28	1/2"	18	14	205	60	72	111	25	32	32	25
	36	M27x2	36											
63	36	M27x2	36	3/4"	20	16	224	76	82	117	32	40	40	32
	45	M33x2	45											
80	45	M33x2	45	3/4"	20	18	250	95	91	134	40	50	50	40
	56	M42x2	56											
100	56	M42x2	56	1"	22	20	300	115	108	162	50	63	63	50
	70	M48x2	63											
125	70	M48x2	63	1"	22	23	325	140	121	174	63	71	71	63
	90	M64x3	85											
160	90	M64x3	85	1 1/4"	25	25	370	181	143	191	80	90	90	80
	110	M80x3	95											
200	110	M80x3	95	1 1/4"	25	30	450	225	190	224	100	112	112	100
	140	M100x3	112											
250	140	M100x3	112	1 1/2"	32	32	550	281	205	290	125	160	160	125
	180	M125x4	125											
320	180	M125x4	125	1 1/2"	32	37	660	350	250	358	160	200	200	160
	220	M160x4	160											

UMT2- CAP END TRUNNION MOUNTING

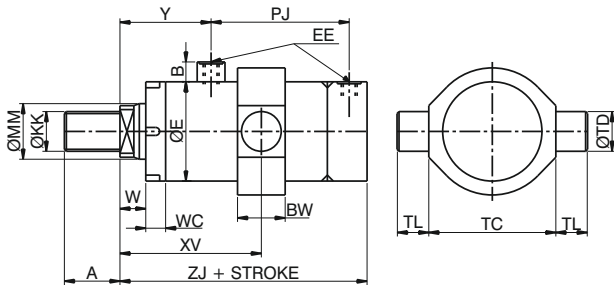


BORE	ROD mm	KK	A	EE BSP	B	W	ZJ	ØE	Y	PJ	ØUC H7	TL	BW	TC h12	XJ
40	22	M16x1.5	22	1/2"	18	13	190	50	71	97	20	16	25	90	174
	28	M20x1.5	28												
50	28	M20x1.5	28	1/2"	18	14	205	60	72	111	25	20	30	105	189
	36	M27x2	36												
63	36	M27x2	36	3/4"	20	16	224	76	82	117	32	25	37	120	204
	45	M33x2	45												
80	45	M33x2	45	3/4"	20	18	250	95	91	134	40	32	45	135	233
	56	M42x2	56												
100	56	M42x2	56	1"	22	20	300	115	108	162	50	40	60	160	278
	70	M48x2	63												
125	70	M48x2	63	1"	22	23	325	140	121	174	63	50	73	195	310
	90	M64x3	85												
160	90	M64x3	85	1 1/4"	25	25	370	181	143	191	80	63	90	240	353
	110	M80x3	95												
200	110	M80x3	95	1 1/4"	25	30	450	225	190	224	100	80	115	295	443
	140	M100x3	112												
250	140	M100x3	112	1 1/2"	32	32	550	281	205	290	125	100	140	370	536
	180	M125x4	125												
320	180	M125x4	125	1 1/2"	32	37	660	350	250	358	160	125	175	470	664
	220	M160x4	160												

WORKING PRESSURE- 160 BAR

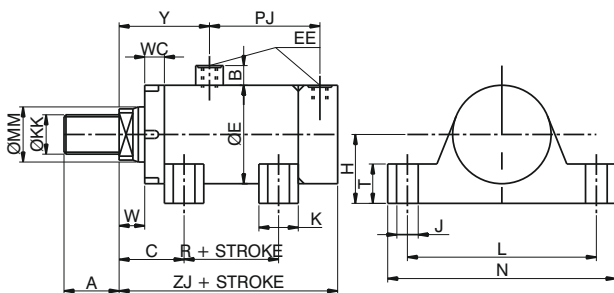
TEST PRESSURE- 240 BAR

UMT4- INTERMEDIATE TRUNNION MOUNTING



BORE	ROD mm	KK	A	EE BSP	B	W	ZJ	ØE	Y	PJ	ØUC 18	TL	BW	TC h12	XV MIN	XV MAX+
40	22	M16x1.5	22	1/2"	18	13	190	50	71	97	20	16	25	90	134	106
	28	M20x1.5	28													
50	28	M20x1.5	28	1/2"	18	14	205	60	72	111	25	20	30	105	152	118
	36	M27x2	36													
63	36	M27x2	36	3/4"	20	16	224	76	82	117	32	25	37	120	171	120
	45	M33x2	45													
80	45	M33x2	45	3/4"	20	18	250	95	91	134	40	32	45	135	188	137
	56	M42x2	56													
100	56	M42x2	56	1"	22	20	300	115	108	162	50	40	60	160	230	165
	70	M48x2	63													
125	70	M48x2	63	1"	22	23	325	140	121	174	63	50	73	195	252	174
	90	M64x3	85													
160	90	M64x3	85	1 1/4"	25	25	370	181	143	191	80	63	90	240	292	190
	110	M80x3	95													
200	110	M80x3	95	1 1/4"	25	30	450	225	190	224	100	80	115	295	366	252
	140	M100x3	112													
250	140	M100x3	112	1 1/2"	32	32	550	281	205	290	125	100	140	370	430	290
	180	M125x4	125													
320	180	M125x4	125	1 1/2"	32	37	660	350	250	358	160	125	175	470	500	355
	220	M160x4	160													

UMS2- SIDE LUG MOUNTING



BORE	ROD mm	KK	A	EE BSP	B	W	ZJ	ØE	Y	PJ	H	N	L	C	R	J	T
40	22	M16x1.5	22	1/2"	18	13	190	50	71	97	40	116	96	94	52	11	20
	28	M20x1.5	28														
50	28	M20x1.5	28	1/2"	18	14	205	60	72	111	49	146	120	112	46	14	25
	36	M27x2	36														
63	36	M27x2	36	3/4"	20	16	224	76	82	117	60	184	148	128	36	18	30
	45	M33x2	45														
80	45	M33x2	45	3/4"	20	18	250	95	91	134	68	204	166	135	55	18	35
	56	M42x2	56														
100	56	M42x2	56	1"	22	20	300	115	108	162	83	248	204	175	45	26	40
	70	M48x2	63														
125	70	M48x2	63	1"	22	23	325	140	121	174	103	290	246	180	65	26	50
	90	M64x3	85														
160	90	M64x3	85	1 1/4"	25	25	370	181	143	191	124	356	298	210	63	33	60
	110	M80x3	95														
200	110	M80x3	95	1 1/4"	25	30	450	225	190	224	152	432	362	274	71	39	75
	140	M100x3	112														
250	140	M100x3	112	1 1/2"	32	32	550	281	205	290	190	558	458	300	120	52	95
	180	M125x4	125														
320	180	M125x4	125	1 1/2"	32	37	660	350	250	358	235	680	562	332	188	62	120
	220	M160x4	160														