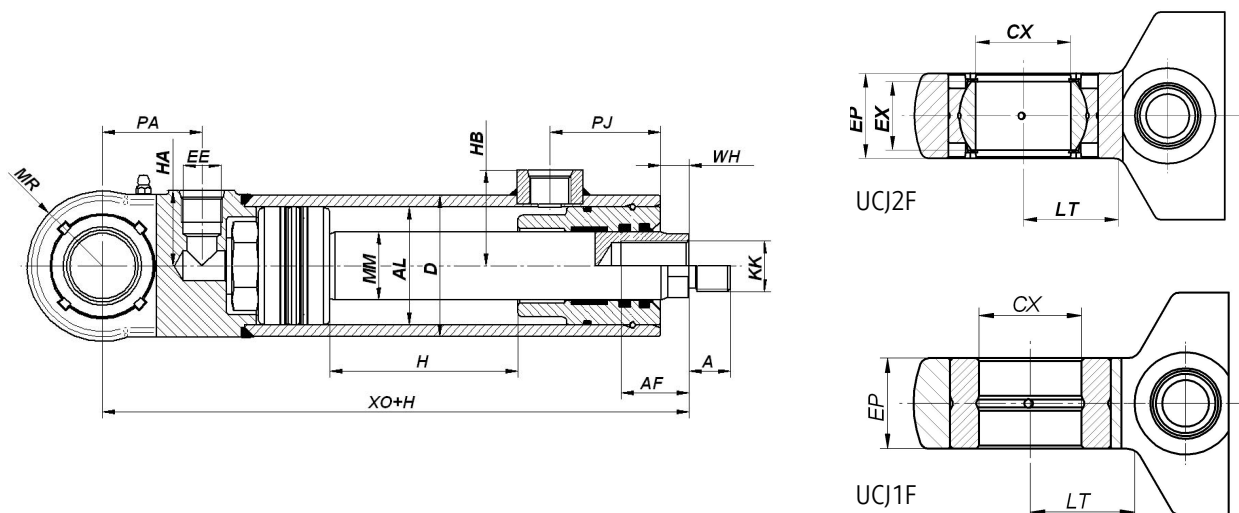


hydraulic piston cylinders UCJ1F, UCJ2F



AL	40	50	63	80	100	125	140	160
MM	22	28	36	45	56	70	80	90
A	18	20	22	30	36	45	50	56
AF	16	30	36	45	50	63	75	85
CX	25	30	35	40	50	60	70	80
D	50	60	75	95	120	145	165	185
EE	M16x1.5*	M16x1.5*	M22x1.5*	M27x2*	M33x2*	M33x2*	M33x2*	M33x2*
EP	24**	26**	31**	32**	40	50	60	65
EX	20	22	25	28	35	44	49	55
HA	28	32	40	50	74	69	80	100
HB	36	42	50	62	75	88	98	110
KK	M16x1.5	M22x1.5	M27x2	M33x2	M42x2	M48x2	M56x2	M64x2
LT	26	28	36	45	56	70	80	90
MR	30	36	40	50	60	70	82	97
PA	38	41	53	65	89	100	110	122
PJ	48	47	59	67	67	82	87	99
WH	10	15	15	18	21	23	26	36
XO	160	176	212	255	300	338	391	411

Standardised pitch sequence: 100, 125, 160, 200, 250, 320, 400, 500, 630, 800, 1000, 1250, 1600, 2000

Piston pitch and piston rod diameters may be selected outside the typical sequence according to individual customer needs.

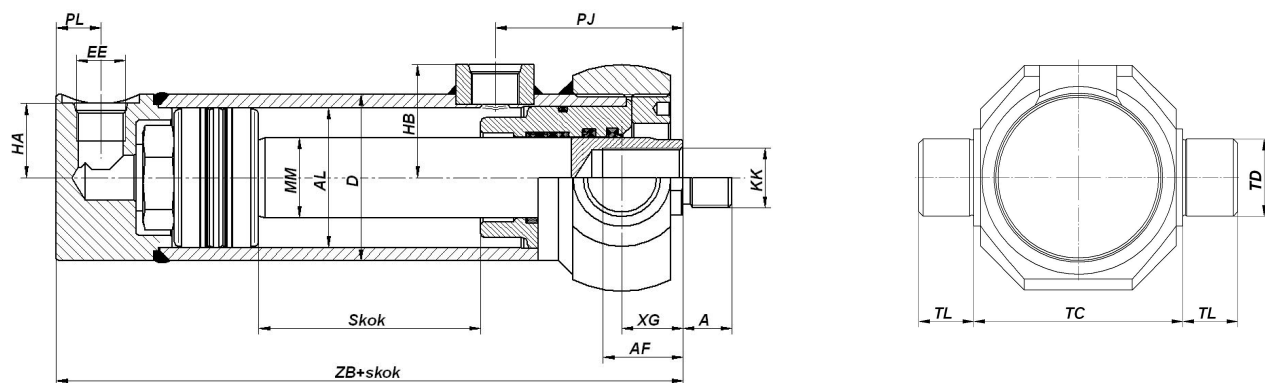
AL Piston diameters—25, 32, 60, 70, 90, 110, 150, 180, 200—provided upon special customer order.

* oil connections according to PN-64/M-73101

** EP tolerated dimension according to PN-EN 10243-1 Class F

PONAR Luban Sp. z o.o. reserves the right to implement design modifications not affecting cylinder casing.

hydraulic piston cylinders UCJ3F



AL	40	50	63	80	100	125	140	160
MM	22	28	36	45	56	70	80	90
A	18	20	22	30	36	45	50	56
AF	16	30	36	45	50	63	75	85
D	50	60	75	95	120	145	165	185
EE	M16x1.5*	M16x1.5*	M22x1.5*	M27x2*	M33x2*	M33x2*	M33x2*	M33x2*
HA	23	28	34	44	55	69	80	100
HB	37	42	52	63	75	88	98	110
KK	M16x1.5	M22x1.5	M27x2	M33x2	M42x2	M48x2	M56x2	M64x2
PL	16	17	20	20	27	30	32	32
PJ	58	62	75	88	96	108	126	135
TC	65	75	95	120	150	195	225	240
TD	25	30	35	40	50	55	60	80
TL	16	20	25	31	40	50	50	63
XG	21	22	25	32	53	55	50	50
ZB	138	152	182	210	247	271	316	321

Standardised pitch sequence: 100, 125, 160, 200, 250, 320, 400, 500, 630, 800, 1000, 1250, 1600, 2000

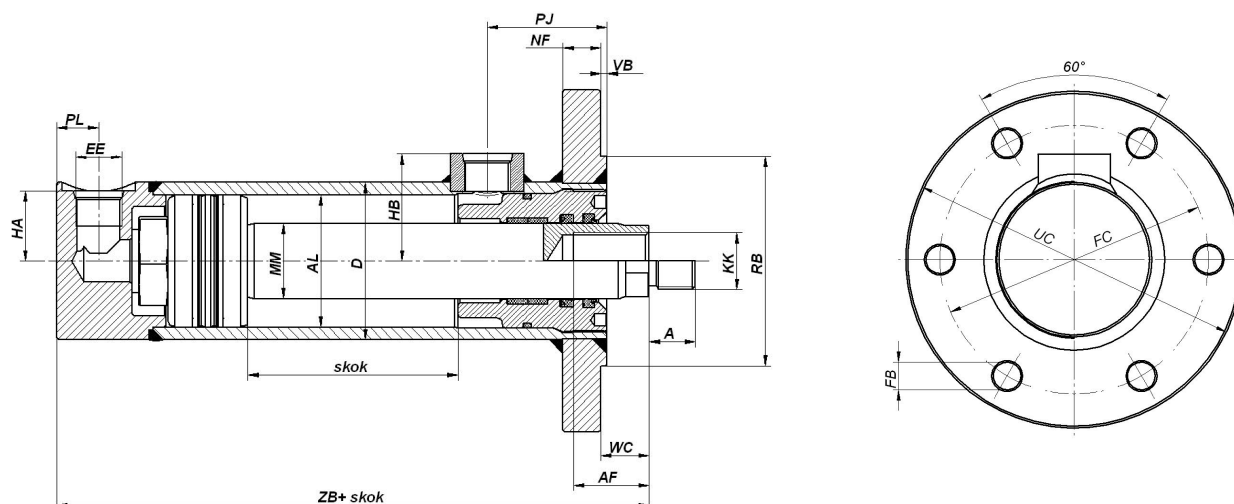
Piston pitch and piston rod diameters may be selected outside the typical sequence according to individual customer needs.

AL Piston diameters—25, 32, 60, 70, 90, 110, 150, 180, 200—provided upon special customer order.

* oil connections according to PN-64/M-73101

PONAR Luban Sp. z o.o. reserves the right to implement design modifications not affecting cylinder casing.

hydraulic piston cylinders UCJ5F



AL	40	50	63	80	100	125	140	160
MM	22	28	36	45	56	70	80	90
A	18	20	22	30	36	45	50	56
AF	22	30	36	45	50	63	75	85
D	50	60	75	95	120	145	165	185
EE	M16x1.5*	M16x1.5*	M22x1.5*	M27x2*	M33x2*	M33x2*	M33x2*	M33x2*
FB	9	11	13,5	17	22	22	26	26
FC	90	106	130	175	200	230	240	280
HA	22	28	34	44	65	80	94	100
HB	38	42	50	62	75	88	100	110
KK	M16x1.5	M22x1.5	M27x2	M33x2	M42x2	M48x2	M56x2	M64x2
NF	14	16	18	19	25	30	30	35
PL	16	17	20	20	28	30	32	32
PJ	48	47	57	67	67	82	96	99
RB	65	85	100	135	150	180	185	240
UC	110	130	160	210	240	280	288	340
VB	3	3	3	3	5	5	4	5
WC	12	18	20	31	30	32	20	50
ZB	138	152	182	210	247	268	293	321

Standardised pitch sequence: 100, 125, 160, 200, 250, 320, 400, 500, 630, 800, 1000, 1250, 1600, 2000

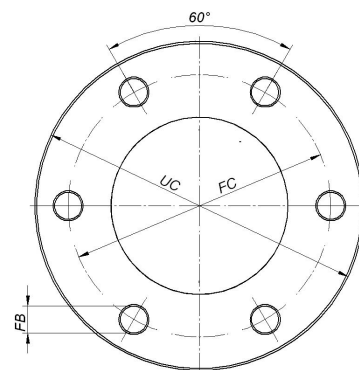
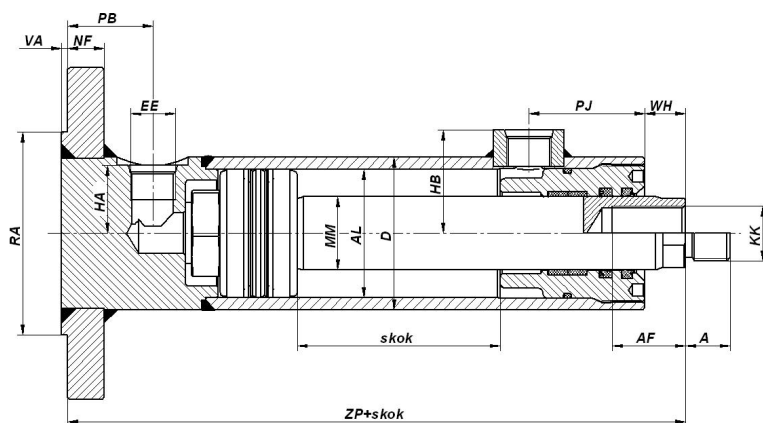
Piston pitch and piston rod diameters may be selected outside the typical sequence according to individual customer needs.

AL Piston diameters—25, 32, 60, 70, 90, 110, 150, 180, 200—provided upon special customer order.

* oil connections according to PN-64/M-73101

PONAR Luban Sp. z o.o. reserves the right to implement design modifications not affecting cylinder casing.

hydraulic piston cylinders UCJ6F



AL	40	50	63	80	100	125	140	160
MM	22	28	36	45	56	70	80	90
A	18	20	22	30	36	45	50	56
AF	22	30	36	45	50	63	75	85
D	50	60	75	95	120	145	165	185
EE	M16x1.5*	M16x1.5*	M22x1.5*	M27x2*	M33x2*	M33x2*	M33x2*	M33x2*
FB	9	11	13,5	17	22	22	26	26
FC	90	106	130	175	200	230	240	280
HA	22	27	34	43	66	69	80	107
HB	36	42	50	62	75	88	98	110
KK	M16x1.5	M22x1.5	M27x2	M33x2	M42x2	M48x2	M56x2	M64x2
NF	14	16	18	19	25	30	30	35
PB	34	41	46	55	62	65	60	85
PJ	48	47	59	67	67	82	87	99
RA	65	85	100	135	150	180	185	240
UC	110	130	160	210	240	280	288	340
VA	3	3	3	3	5	4	5	5
WH	10	15	15	18	21	32	20	50
ZP	159	178	205	245	284	306	341	374

Standardised pitch sequence: 100, 125, 160, 200, 250, 320, 400, 500, 630, 800, 1000, 1250, 1600, 2000

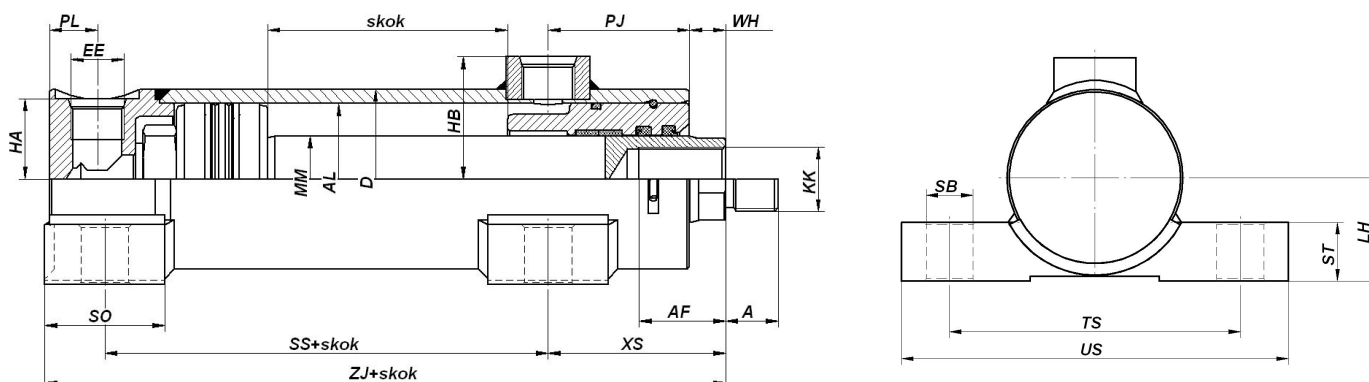
Piston pitch and piston rod diameters may be selected outside the typical sequence according to individual customer needs.

AL Piston diameters—25, 32, 60, 70, 90, 110, 150, 180, 200—provided upon special customer order.

* oil connections according to PN-64/M-73101

PONAR Lubań Sp. z o.o. reserves the right to implement design modifications not affecting cylinder casing.

hydraulic piston cylinders UCJ7F



AL	40	50	63	80	100	125	140	160
MM	22	28	36	45	56	70	80	90
A	18	20	22	30	36	45	50	56
AF	16	30	36	45	50	63	75	85
D	50	60	75	95	120	145	165	185
EE	M16x1.5*	M16x1.5*	M22x1.5*	M27x2*	M33x2*	M33x2*	M33x2*	M33x2*
HA	22	28	34	44	65	80	80	100
HB	36	42	50	62	75	88	98	110
KK	M16x1.5	M22x1.5	M27x2	M33x2	M42x2	M48x2	M56x2	M64x2
LH	31	38	44	57	68	85	95	115
PL	16	17	20	27	28	35	35	32
PJ	48	47	59	67	67	82	87	99
SB	11	14	20	20	26	26	30	33
SO	30	35	50	50	50	60	70	75
SS	64	73	85	105	124	138	166	154
ST	15	18	25	30	35	35	35	40
TS	83	102	124	149	172	205	220	250
US	110	130	165	190	240	255	280	310
WH	10	15	15	18	21	23	26	36
XS	58	62	74	85	96	108	115	99
ZJ	138	152	184	217	247	281	316	321

Standardised pitch sequence: 100, 125, 160, 200, 250, 320, 400, 500, 630, 800, 1000, 1250, 1600, 2000

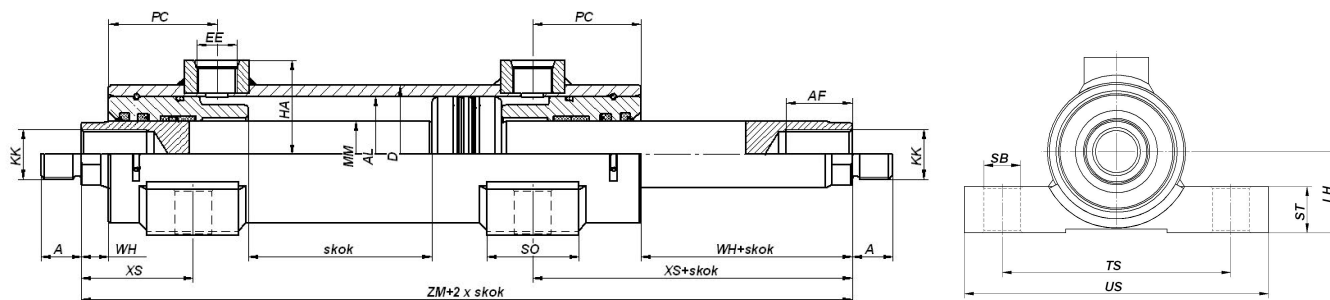
Piston pitch and piston rod diameters may be selected outside the typical sequence according to individual customer needs.

AL Piston diameters—25, 32, 60, 70, 90, 110, 150, 180, 200—provided upon special customer order.

* oil connections according to PN-64/M-73101

PONAR Luban Sp. z o.o. reserves the right to implement design modifications not affecting cylinder casing.

hydraulic piston cylinders UCD7F



AL	40	50	63	80	100
MM	22	28	36	45	56
A	18	20	22	30	36
AF	16	30	36	45	50
D	50	60	75	95	120
EE	M16x1.5	M16x1.5	M22x1.5	M27x2	M33x2
HA	37	42	50	62	75
KK	M16x1.5	M22x1.5	M27x2	M33x2	M42x2
LH	31	38	44	57	68
PC	48	47	59	67	86
SB	11	14	20	20	26
SO	30	35	50	50	50
ST	15	18	25	30	35
TS	83	102	124	149	172
US	110	130	165	190	240
WH	10	15	15	18	20
XS	58	62	74	85	96
ZM	165	183	220	262	306

Standardised pitch sequence: 100, 125, 160, 200, 250, 320, 400, 500, 630, 800, 1000, 1250, 1600, 2000

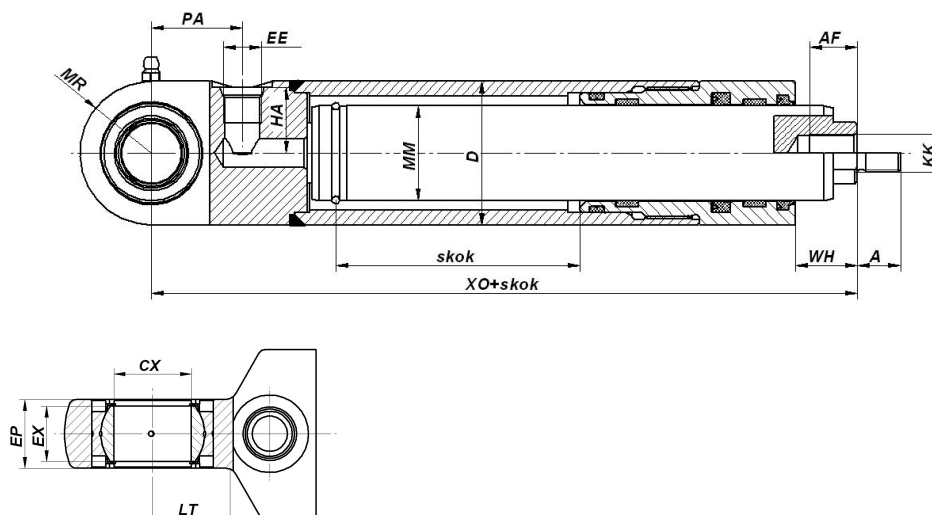
Piston pitch and piston rod diameters may be selected outside the typical sequence according to individual customer needs.

AL Piston diameters - 25, 32, 60, 70, 90, 110, 150, 180, 200 – provided upon special customer order.

* oil connections according to PN-64/M-73101

PONAR Lubań Sp. z o.o. reserves the right to implement design modifications not affecting cylinder casing.

hydraulic plunger cylinders



MM	25		32			40	50			63			80	
A	14		16			18	20			22			30	
AF	16		22			20	22			28			34	
CX	16		20			25	30			35			40	
D	48		50			60	76			82			114	
EE	M14x1.5*		M14x1.5*			M16x1.5*	M16x1.5*			M22x1.5*			M27x2*	
EP	12		20			24**	26			31			32	
EX	14		16			20	22			25			28	
HA	21		26			32	36			42			53	
KK	M12x1.5		M16x1.5			M16x1.5	M22x1.5			M27x2			M33x2	
LT	16		22			26	28			36			45	
MR	21		25			30	36			40			50	
PA	28		35			38	41			56			65	
WH	8		15			26	29			14			49	
Pitch to	200	400	100	250	630	1250	125	400	1600	200	500	1250	400	1250
XO	127	137	132	147	157	195	185	210	225	192	207	227	262	302

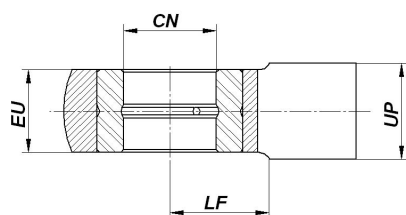
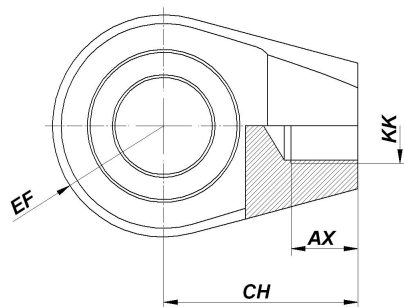
*oil connections according to PN-64/M-73101

** EW tolerated dimension according to PN-EN 10243-1 Class F

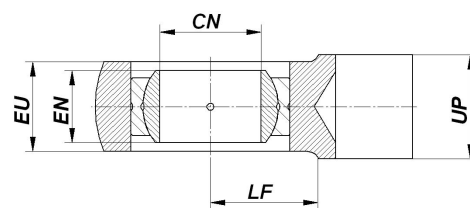
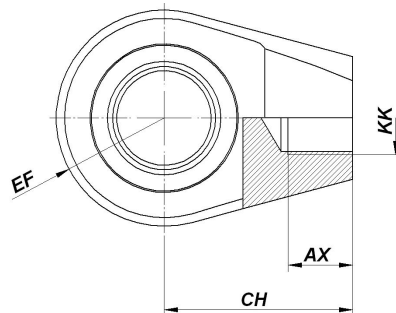
PONAR Lubań Sp. z o.o. reserves the right to implement design modifications not affecting cylinder casing.

cylinder lugs with internal thread

UUE1-...w



UUE2-...w



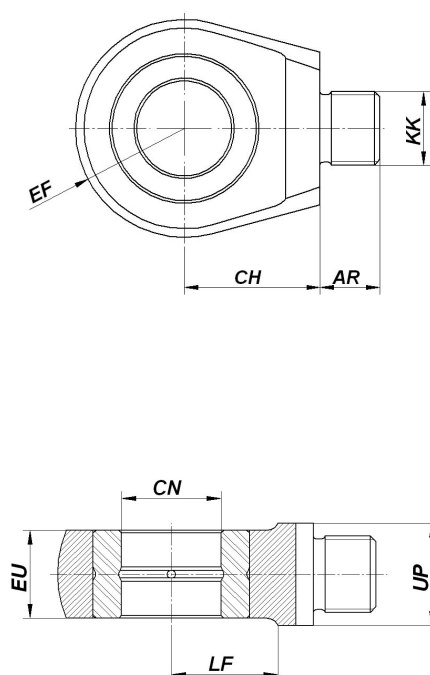
CYLINDER DIAMETER	40	50	63	80	100	125	140	160
AX	22	22	28	34	40	50	56	60
CH	50	56	70	88	105	135	150	170
CN	25	30	35	40	50	60	70	80
EF	30	36	40	50	60	73	84	97
EU	24*	26*	31*	32*	40	55	60	65
EN	20	22	25	28	35	44	49	55
KK	M16x1.5	M22x1.5	M27x2	M33x2	M42x2	M48x2	M56x2	M64x2
LF	-	28	36	45	56	70	80	90
UP	24	30	36	46	60	75	85	95

*EU tolerated dimension according to PN-EN 10243-1 Class F

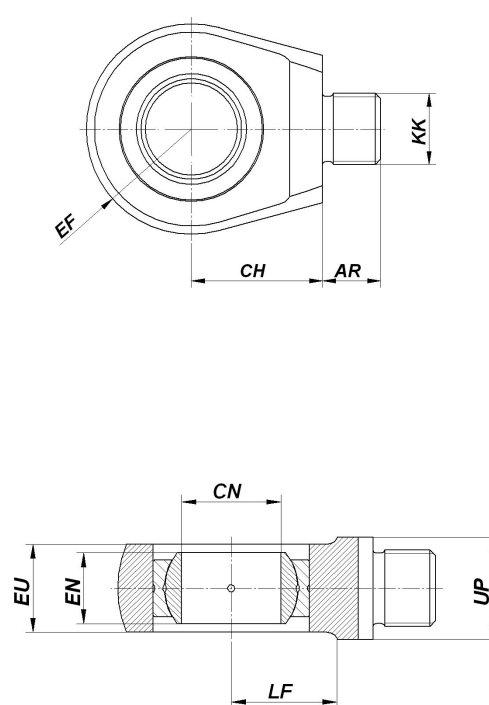
PONAR Lubań Sp. z o.o. reserves the right to implement design modifications not affecting cylinder casing.

cylinder lugs with external thread

UUE1-...z



UUE2-...z



CYLINDER DIAMETER	40	50	63	80	100	125	140	160
AR	18	20	22	30	36	45	50	56
CH	36	40	50	63	75	95	105	120
CN	25	30	35	40	50	60	70	80
EF	30	36	40	50	60	73	84	97
EU	24*	26*	31*	32*	40	55	60	65
EN	20	22	25	28	35	44	49	55
KK	M16x1.5	M22x1.5	M27x2	M33x2	M42x2	M48x2	M56x2	M64x2
LF	-	28	36	45	56	70	80	90
UP	24	30	36	46	60	75	85	95

*EU tolerated dimension according to PN-EN 10243-1 Class F

PONAR Luban Sp. z o.o. reserves the right to implement design modifications not affecting cylinder casing.