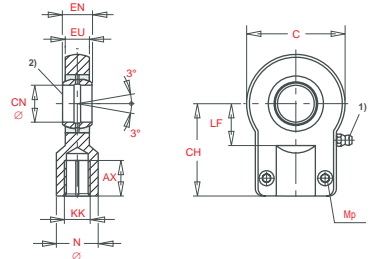
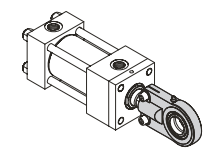
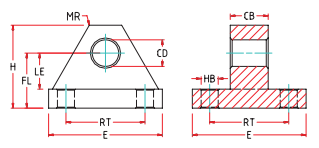
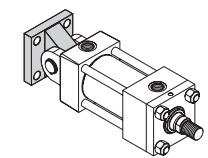


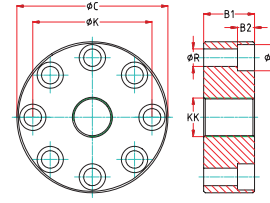
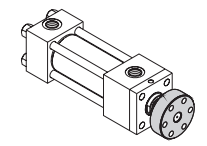
Zglobna glava
Self-aligning clevis
ISO 8133

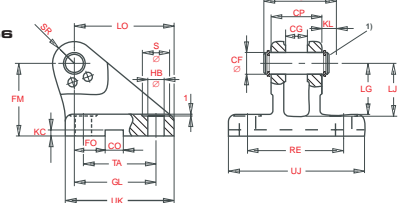
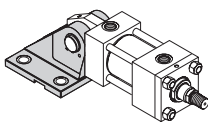
Prirubnica-vertikalna muška
Standard and swivel eye brackets
Flansch schwenkauge

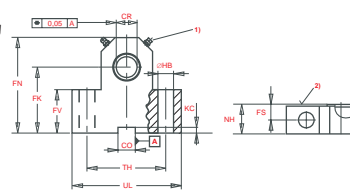
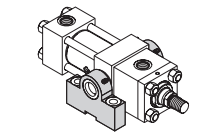
Okrugla prirubnica s navojem
Round flange
Gewinde Flansch für Kolbenstange
ISO 8132

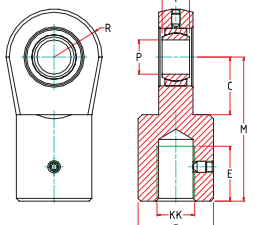
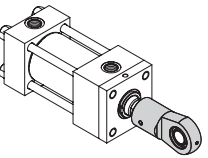
Prirubna vilica
Fork type mounting block
Schwenklagerbock
ISO 8133 - DIN 24556

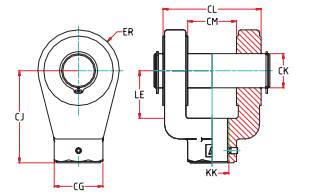
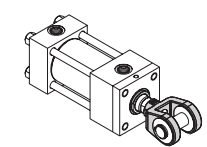
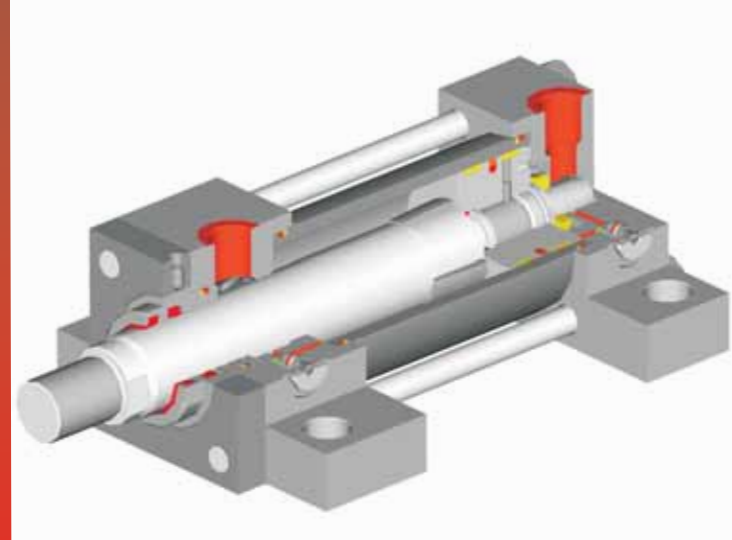
Blok oslonci za njihajuće cilindre
Trunnion brackets
Lagerbocke für schwenkung
ISO 8132

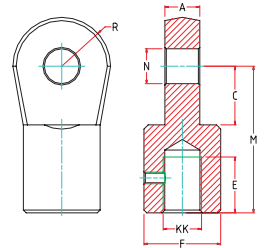
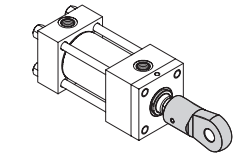
Okasta ušica sa zglobnim ležajem
Self-aligning clevis
with spherical bearing

Vilica s svornjakom
Fork with pin
Gabel mit Boltzen
ISO 8133

Okasta ušica
Clevis

HIDRAULIČNI CILINDRI
HYDRAULIC CYLINDERS
HYDRAULIK ZYLINDERS



A3 series

160 bar

DIN 24554

ISO 6020/2

Jednostavan popravak i zamjena dijelova
zahvaljujući modularnoj gradnji

Easy service and parts changing
thanks to modular system

Einfache selbstbedienung und Teilen
wechseln bedankt modular system

17 tipova pričvršćenja

17 types of mounting

17 Befestigungsarten

Promjeri klipova - 25 do 200 mm

Piston dia. - 25 to 200 mm

Kolben dia. - 25 bis 200 mm

Promjeri klipnjača - 12 do 140 mm

Piston rod dia. - 12 to 140 mm

Kolbenstangen dia. - 12 bis 140 mm

Nazivni pritisak - 160 bar

Nominal pressure - 160 bar

Nennndruck - 160 bar

Statički ispitni pritisak - 250 bar

Static test pressure - 250 bar

Statischer Prüfdruck - 250 bar

Samo-podešavajuća krajnja prigušenja

Self-regulating end position cushioning

Selbseinstellende Endlagendämpfung

TYPE 00	01	02	03	04	05
Base	Flange non ISO norm	Flange non ISO norm	MS2	MT1	MT2
06	07	08	09	10	11
MT4	MP3	MP5	MP1	MX3	MX2
12	13	14	30	31	00
MX1	ME5	ME6	MX5	MX6	
01	03	04	06	10	12
non ISO norm	MS2	MT1	MT4	MX3	MX1
13	30				
ME5	MX5				
		Clevis	Self-aligning clevis - spherical bearing	ISO 8133	ISO 8133
				Vertical male counterhinge	
		ISO 8132	ISO 8133	ISO 8132	

HYDROMAT INŽENJERING d.o.o.
 Horvatsko 72 , 42240 Ivanec , CROATIA
 tel. +385 42 781 528 , 781 357 // fax. +385 42 782 338
 e-mail : hydromat@hydromat.hr
www.hydromat.hr

Pričvršćenje na stopama
Foot mounting
Fussbefestigung

ISO type **MS2**
Code O3

Prirubnica strana
Flange at cylinder cap
Rechteckflansch am Boden

ISO type **ME6**
Code I4

Njihajuće pričvršćenje sprijeda
Trunnion mounting at cylinder head
Schwenzapfen am Kopf

ISO type **MT1**
Code O4

Njihajuće pričvršćenje centralno
Centre trunnion mounting
Schwenzapfen in Mitte

ISO type **MT4**
Code O6

Prirubnica sprijeda
Flange at cylinder head
Rechteckflansch am Kopf

ISO type **ME5**
Code I3

Ušica sa zglobnim ležajem
Swivel clevis mount
Gelenkauge am Boden

ISO type **MP5**
Code O8

Ušica strana s fiksnim ležajem
Rear clevis fix
Schwenkauge am Boden

ISO type **MP3**
Code O7

Vilica sa svornjakom
Clevis fork at cylinder cap
Gabe mit Boltzen am Boden

ISO type **MP1**
Code O9

Ø Klip Piston Kolben	Ø MM Klipnjača Piston rod K'Stange	A	B ^R Ø	CH	XX	E	F	EE (BSP)	KK (Metric)	CX ^{H7} Ø	EP	EX	LT	MS _{max}	PJ	VD	XO	WH	Y	ZJ	α°	G	FB	FJ	KJ	PJ	Rd ^R Ø
25	12	14	24	9	5	40	10	1/4"	M10x1,25	12	8	10	16	20	54	6	130	15	50	114	11	45	5,5	10	35	54	38
	18	18	30	14					M14x1,5																		
32	14	16	26	11					M12x1,25						12												
	18	18	30	14	5	45	10	1/4"	M14x1,5	16	11	14	20	22	57	6	148	25	60	128	10	45	6,6	10	36	57	42
40	22	22	34	17					M16x1,5						6												
	18	18	30	14		60	10	3/8"	M16x1,5	20	13	16	25	29	74	12	178	25	62	153	9	55	11	10	45	74	62
50	22	22	34	17					M20x1,5						7												
	28	28	42	22		75	15	1/2"	M20x1,5	25	17	20	31	33	76	7	190	26	68	159	7	55	14	16	45	76	74
63	36	36	50	30					M27x2						10												
	28	28	42	22		90	15	1/2"	M20x1,5	30	19	22	38	40	80	10	206	33	71	168	6	55	14	16	45	80	75
80	45	45	60	36					M33x2						14												
	36	36	50	30		114	20	3/4"	M27x2	40	23	28	48	50	93	5	238	31	77	190	7	65	18	20	50	93	82
100	56	56	72	50					M42x2						7												
	45	45	60	36		126	22	3/4"	M33x2	50	30	35	58	62	101	7	261	35	82	203	6	69	18	22	50	101	105
125	70	63	88	60					M48x2						10												
	56	56	72	50		164	22	1"	M42x2	60	38	44	72	80	117	6	304	35	86	232	6	78	22	22	55	117	125
160	90	85	108	80					M64x3						10												
	70	63	88	60		198	25	1"	M48x2	80	47	55	92	100	130	7	337	32	86	245	6	86	26	25	63	130	170
200	110	95	133	100					M80x3						10												
	90	85	108	80		240	25	1 1/4"	M64x3	100	57	70	116	120	165	7	415	32	98	299	6	103	33	25	80	165	210
	140	112	163	130					M100x3						10												210

Ako nije drugačije naznačeno, sve mjere izražene su u milimetrima-All dimensions are in mm-Alle Dimensionen sind in mm

R	TO	UO _{max}	WF	SP	TD ^R Ø	TL	TM	UM	UW	XV _{min.}	XV _{HOD max.}	HOD _{min.}	LH ^{H10}	SB Ø	SS	ST	SW	VD	TS	US	XS	CD ^{H9} Ø	CB	CF	XC	XG	ZB _{max}	Ø MM Klipnjača Piston rod K'Stange	Ø Klip Piston Kolben
27	51	64	25	20	12	10	48	68	45	80	69	11	19	6,6	73	8,5	8	6	54	70	33	10	12	24	127	44	121	12	25
33	58	70	35	25	16	12	55	79	50	93	79	13	22	9	73	12,5	10	6	63	84	45	12	16	32	147	54	137	14	32
																		12	63	84	45	12	16	32	147	54	137		
41	87	110	35	30	20	16	76	108	70	105	93	12	31	11	98	12,5	10	6	83	102	45	14	20	40	172	57	166	18	40
																		12	83	102	45	14	20	40	172	57	166		
52	105	130	41	40	25	20	89	129	85	116	94	22	37	14	92	19	13	7	102	126	54	20	30	60	191	64	176	22	50
																		10	102	126	54	20	30	60	191	64	176		
65	117	142	48	40	32	25	100	150	95	123	103	20	44	18	86	26	17	7	124	160	65	20	30	60	200	70	185	28	63
																		14	124	160	65	20	30	60	200	70	185		
83	149	180	51	45	40	32	127	191	120	139	115	23	57	18	105	26	17	5	149	186	68	28	40	80	229	76	212	36	80
																		9	149	186	68	28	40	80	229	76	212		
97	162	200	57	60	50	40	140	220	130	156	118	38	63	26	102	32	22	7	172	216	79	36	50	100	257	71	225	45	100
																		10	172	216	79	36	50	100	257	71	225		
126	208	240	57	70	63	50	178	278	170	170	126	44	82	26	131	32	22	6	210	254	79	45	60	120	289	75	260	56	125
																		10	210	254	79	45	60	120	289	75	260		
155	253	300	57	90	80	63	215	341	205	188	137	91	101	33	130	38	29	7	260	318	86	56	70	140	308	75	279	70	160
																		10	260	318	86	56	70	140	308	75	279		
190	300	350	57	110	100	80	279	439	275	215	164	51	122	39	172	44	35	7	311	380	92	70	80	160	381	85	336	90	200
																		10	311	380	92	70	80	160	381	85	336		