

**CARACTERISTIQUES TECHNIQUES/TECHNICAL SPECIFICATIONS****ISO 6020-2****H160 - MI - DMI - KI****H160MI STANDARD / STANDARD**

Vérin selon les standards <i>Standard cylinders</i>	ISO 6020/2 – 1991 DIN 24554 A tirants /tie rods		
Pression <i>Pressure</i>	Maximale Max 160 Bar	De pointe Peak 210	D'épreuve Test 240
Vitesse maximale <i>Max speed</i>	Standard 0.5 m/s	Bas frottement /low-friction(Y) 1	
Température fluide <i>Fluid temperature</i>	Standard -20 +80 °C	Viton® W -20 +150	
Course maximale <i>Max stroke</i>	4000 mm		
Tolérance sur la course <i>Stroke tolerance</i>	0 + 2 mm Standard ISO 8131		
Fluide <i>Fluid</i>	Huile minérale /Hydraulic mineral oil Esters phosphor./ Phosphoric esters (W) Eau-glycol / HFC-fluide (N)		
Viscosité / <i>Viscosity</i>	12...90 mm <sup>2</sup> /S		

**H160 DMI MAGNETIQUE / MAGNETIC**

Vérin standard <i>Standard cylinders</i>	ISO 6020/2 – 1991 DIN 24554 A tirants /tie rods		
Pression <i>Pressure</i>	Maximale Max 160 Bar	En pointe Peak 210	D'épreuve Test 240
Vitesse maximale <i>Max speed</i>	Standard 0.5 m/s	Bas frottement /low-friction(Y) 1	
Température fluide <i>Fluid temperature</i>	Standard -20 +80 °C	Viton® W -20 +150	
Course maximale <i>Max stroke</i>	4000 mm	Course minimale <i>Minimum stroke</i>	50 mm
Tolérance sur la course <i>Stroke tolerance</i>	0 + 2 mm Standard ISO 8131		
Fluide <i>Fluid</i>	Huile minérale /Hydraulic mineral oil Esters phosphor./ Phosphoric esters (W) Eau-glycol / HFC-fluide (N)		
Viscosité / <i>Viscosity</i>	12...90 mm <sup>2</sup> /S		



## CODIFICATION A RAPPELER POUR LA COMMANDE/ORDERING CODES

## H160MI - DMI - KI

H160MI = PS 160 BAR S

H160DMI = VERSION MAGNETIQUE 160 BARS  
MAGNETIC VERSION 160 BARS

SX = Exécution spéciale/ Special version (1)

SERIES / TYPES	ALESAGES / BORES	
H160 MI	25 à 100	STANDARD
H160 KI	125 à 200	
H160 DMI	25 à 100	MAGNETIQUE

H160-	*	25	12/	X	*	0200	*	-	*	*	*	*
<b>ALESAGE / BORE - TIGE / ROD MI / DMI</b>												
25		12										
		18										
32		14										
		18										
		22										
40		18										
		22										
		28										
50		22										
		28										
		36										
63		28										
		36										
		45										
80		36										
		45										
		56										
100		45										
		56										
		70										
KI												
125		56										
		70										
		90										
160		70										
		90										
		110										
200		90										
		110										
		140										
<b>DOUBLE TIGE / SECOND ROD</b>												
<b>CAPTEURS / SWITCH (Pour version DMI / Only for DMI)</b>												
SR												REED 24 -110 V. AC/DC
SH												PNP 24 V. DC
SD												DRAINAGE / BUSHING DRAIN
<b>EXTREMITES DE TIGE / ROD EXTREMITIES</b>												
SF												TIGE FILETEE STANDARD / MALE THREAD
												FEMALE THREAD
ST												TENON / TENON
SL												TIGE FILETEE SELON DIN 24554
												MALE THREAD DIN 24554
<b>JOINTS / SEALS</b>												
-												STANDARD (huile minérale, eau glycol)
												STANDARD (mineral oil, water and glycol)
Y												Bas frottement / Low friction
W												VITON (haute température, high temperature)
N												EAU GLYCOL / HFC FLUID
<b>ENTRETOISE PICOURSE / SPACER FOR STROKE</b>												
-												De 0 à 1000 / from 0 to 1000
SJ5 0												De 1000 à 1500 / from 1000 to 1500
SJ100												De 1500 à 2000 / from 1500 to 2000
SJ150												De 2000 à 4000 / from 2000 to 4000
<b>COURSE / STROKE</b>												
<b>INDIQUER EN mm / INDICATE IN mm</b>												
<b>AMORTISSEURS / CUSHIONING</b>												
-												
1												AMORTI AVANT / FRONT ONLY
2												AMORTI ARRIERE / REAR ONLY
3												AMORTI AVANT/ARRIERE / FRONT & REAR

FIXATION / MOUNTING	ISO 6020/2	DIN24554	CODE/COD
ORIFICES FILETES AVANT FRONT TAPPED HOLES	MX5		X
BRIDE AVANT FRONT FLANGE	ME5	ME5	A
BRIDE ARRIERE REAR FLANGE	ME6	ME6	B
CHAPE MALE MALE CLEVIS	MP3		C
PATTES FEET	MS2	MS2	E
CHAPE A ROTULE BALL JOINTED EYE	MP5	MP5	D
CHAPE FEMELLE FEMALE CLAVIS	MP1		M
TOURILLON AVANT FRONT TRUNNION	MT1		G
TOURILLON INTERMEDIAIRE INTERMEDIATE TRUNNION	(2) MT4	MT4	H
TOURILLON ARRIERE REAR TRUNNION	MT2		L
TIRANTS DEPASSANTS AV/AR EXTENDED FRONT & REAR TIE-RODS	MX1		Q
TIRANTS DEPASSANT AVANT EXTENDED FRONT TIE-RODS	MX3		R
TIRANTS DEPASSANT ARRIERE EXTENDED REAR TIE-RODS	MX2		S
ORIFICES FILETES ARRIERE REAR TAPPED HOLES	MX6		T

(1) N'indiquer SX uniquement en cas d'exécution spéciale.  
Options:

- Orientation des fixations : Fixations majorées (voir page 5)
- Extrémité de tige spéciale ; tige prolongée
- Plaque CETOP (Nous consulter)
- Traitement de la tige (Nikrom, trempé, Inox...)
- Soufflet de protection de la tige sur demande
- Dispositif antirotation de la tige sur demande

Specify SX only for special conception.

Options:

- Oil port position ; oversize oil ports (see page 5)
- Special rod extremity, lengthed rod
- CETOP subplates on request
- Rod treatment (Nikrom, hardened, Inox...)
- Rod protective cover on request
- Antirotation rod system on request

(2) Pour montage H (MT4) – Cote « XV » (voir page 5)  
For mounting H (MT4) – Value dimension « XV » (see page 5)

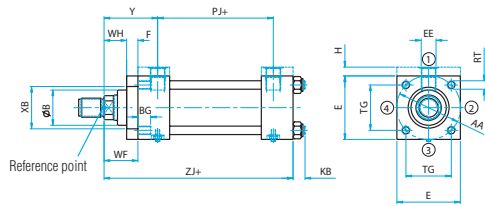


**FIXATIONS/MOUNTING**

**H160MI - DMI - KI**

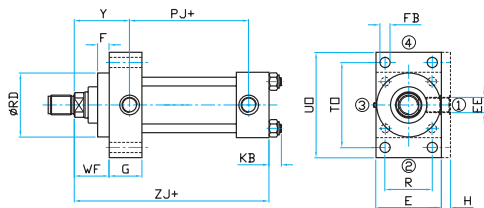
**FIXATION DE BASE/Front TAPPED HOLES X (ISO MX5)**

**MI**



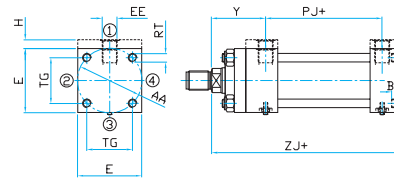
**BRIDE AVANT/Front FLANGE**

**A (ISO ME5)**



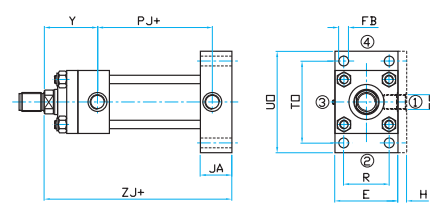
**FIXATION ARRIERE/REAR TAPPED HOLES**

**T (ISOMX6)**



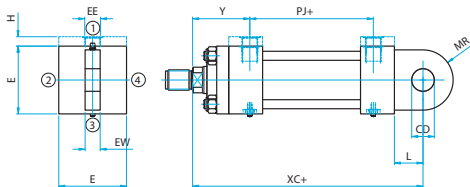
**BRIDE ARRIERE/REAR FLANGE**

**B (ISO ME6)**



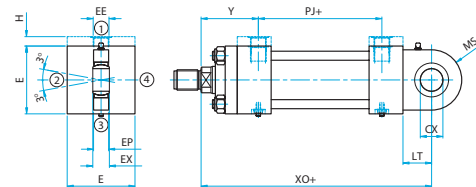
**CHAPE MALE/MALE CLEVIS**

**C (ISO MP3)**



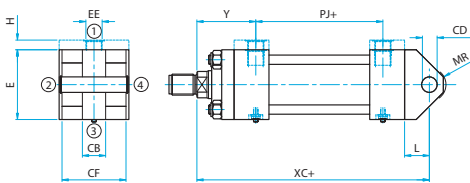
**TENON ROTULE/BALL JOINTED EYE**

**D (ISO MP5)**



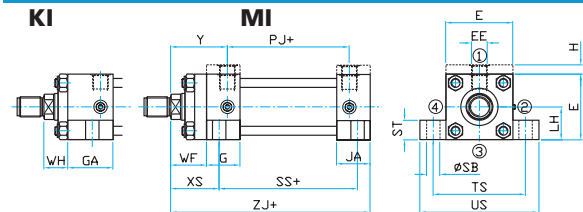
**CHAPE FEMELLE/FEMALE CLEVIS**

**M (ISO MP1)**



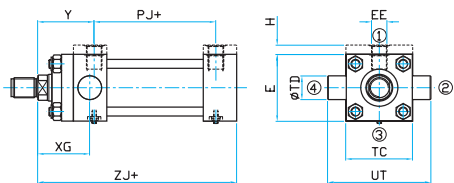
**PATTES/FEET**

**E (ISO MS2)**



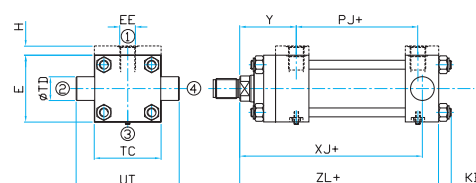
**TOURILLONS AVANT/Front TRUNNIONS**

**G (MT1)**



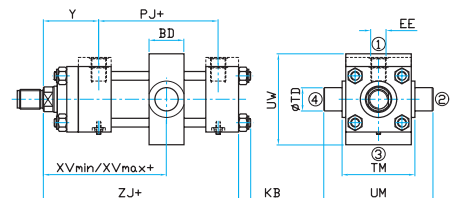
**TOURILLONS ARRIERE/REAR TRUNNIONS**

**L (ISO MT2)**



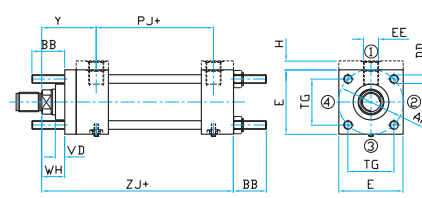
**TOURILLONS INTERMEDIAIRES/INTERMEDIATE TRUNNIONS**

**H (ISO MT4)**



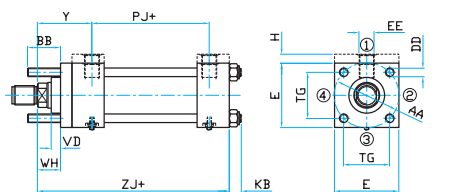
**TIR. RALLONGES AV. AR./EXT. FRONT AND REAR TIE-RODS**

**Q (MX1)**



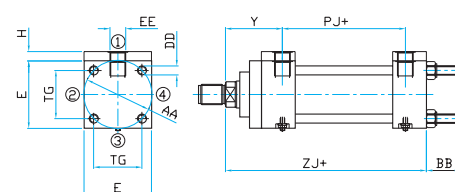
**TIRANTS RALLONGES AVANT/EXTEND FRONT TIE-RODS**

**R (MX3)**



**TIRANTS RALLONGES ARRIERES/EXTEND REAR TIE-RODS**

**S (MX2)**





**DIMENSIONS/DIMENSIONS**

**H160MI-DMI-KI**

Piston Piston	Stelo Rod		AA	BB	BD	BG	CB	CD	CF	CX	DD	E	EE	EP	EX	F	FB	G	GA	H	JA
25	12	18	40	19	20	12	16(*)	10	40	12	M5x0.8	40	G1/4	9	10	10	5.5	32	—	5	32
32	14	18	22	47	24	25	16	12	45	16	M6x1	45	G1/4	12	14	10	6.6	35.5	—	5	35.5
40	18	22	28	59	35	29	16	20	14	60	M8x1	60	G3/8	14	16	10	11	46	—	—	46
50	22	28	36	74	46	38	18	30	20	74	M12x1.25	75	G1/2	18	20	16	14	45	—	—	45
63	28	36	45	91	46	48	18	30	20	90	M12x1.25	90	G1/2	20	22	16	14	45	—	—	45
80	36	45	56	117	59	58	24	40	28	110	M16x1.5	115	G3/4	24	28	20	18	52	—	—	52
100	45	56	70	137	59	68	24	50	36	130	M16x1.5	130	G3/4	30	35	22	18	55	—	—	55
125	56	70	90	178	81	88	30	64(*)	45	164	M22x1.5	165	G1	38	44	22	22	65	87	—	65
160	70	90	110	219	92	108	35	80(*)	56	200	M27x2	200	G1	47	55	25	26	70	95	—	70
200	90	110	140	269	115	125	40	80	70	240	M30x2	245	G1 1/4	58	70	25	33	92	117	—	92

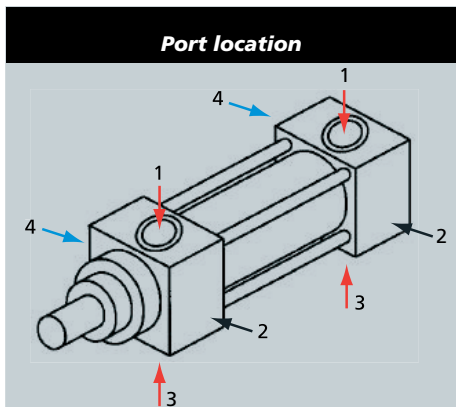
Piston Piston	KB	L	LH H10	LT	MR	MS	PJ	R	RD f8	RT	SB	SS	ST	TC	TD f8	TG	TM	TO	TS	UM
25	7	13	19	16	12	20	49+ (*)	27	38	M5	6.6	73	8.5	38	12	28.3	48	51	54	68
32	10	19	22	20	11	25	47+ (*)	33	42	M6	9	73	12.5	44	16	33.2	55	58	63	79
40	13	19	31	25	16	30	58+ (*)	41	62	M8	11	98	12.5	63	20	41.7	76	87	83	108
50	17	32	37	31	18	35	62+ (*)	52	74	M12	14	92	19	76	25	52.3	89	105	102	129
63	17	32	44	38	18	40	64+ (*)	65	88 (**)	M12	18	86	26	89	32	64.3	100	117	124	150
80	23	39	57	48	31	55	77+ (*)	83	105 (**)	M16	18	105	26	114	40	82.7	127	149	149	191
100	23	54	63	58	46	65	78+ (*)	97	125 (**)	M16	26	102	32	127	50	96.9	140	162	172	220
125	30	57	82	72	43	90	117	126	150 (**)	M22	26	131	32	165	63	125.9	178	208	210	278
160	35	63	101	92	57	100	130	155	170 (**)	M27	33	130	38	203	80	154.9	215	253	260	341
200	37	82	122	116	68	135	165	190	210 (**)	M30	39	172	44	241	100	190.2	279	300	311	439

Piston Piston	UO	US	UT	UW	VD	WF	WH	XB f9	XC	XG	XJ	XO	XS	XV		Y	ZJ	ZL	(1)	(2)	(3)
														MIN	MAX						
25	65	72	58	45	6	25	15	30	127+	44	95+	130	33	67	72+	45 (*)	114+	114+	10	5	1000
32	70	84	68	50	12	35	25	34	147+	54	109+	148	45	83	80+	58 (*)	128+	128+	10	9	1200
40	110	103	95	70	12	35	25	42	172+	57	131+	178	45	96	92+	65 (*)	153+	153+	15	20	1500
50	130	127	116	90	9	41	25	50	191+	64	136+	190	54	106	94+	69 (*)	159+	159+	20	70	1800
63	145	161	139	100	13	48	32	60	200+	70	146+	206	65	118	98+	76 (*)	168+	168+	30	70	2300
80	180	186	178	130	9	51	31	72	229+	76	165+	238	68	133	108+	82 (*)	190+	190+	35	160	2500
100	200	216	207	140	10	57	35	88	257+	71	177+	261	79	147	113+	91 (*)	203+	203+	45	160	2500
125	250	254	265	180	10	57	35	—	289+	75	214+	304	79	166	123+	86	232+	254+	60	460	3000
160	300	318	329	215	7	57	32	—	308+	75	227+	337	86	182	120+	86	245+	270+	70	820	3000
200	360	381	401	300	7	57	32	—	381+	85	271+	415	92	213	142+	98	299+	324+	80	1150	5000

(\*) Non-conforme à ISO 6020/2 – 1991  
Don't comply with ISO 6020/2 – 1991

(\*\*) Taux « RD » unifié au diamètre supérieur conforme à ISO 6020/2  
« RD » rate unified to the higher diameter complying with ISO 6020/2

- (1) Course minimale pour exécution fixation H (ISO MT4)  
Minimum stroke for H mounting (ISO MT4)
- (2) Couple de serrage des tirants (Nm)  
Tightening torque tie-rods value (Nm)
- (3) Pour les courses supérieures, une version avec contre-bride est prévue (consultez notre service)  
For higher strokes, a version with counterflanges is available (contact our technical department)
- (4) Pour alimentation supérieure, nous consulter.



Oversize oil port			
Type	Alésage	Face	Arrière
Type	Bore	Front	Rear
CD	25	-	G 3/8"
	32	-	G 3/8"
	40	-	G 1/2"
	50	-	G 3/4"
	63	-	G 3/4"
	80	-	G 1"
DK	100	-	G 1"
	125	G 1 1/4"	G 1 1/4"
	160	G 1 1/4"	G 1 1/4"
	200	G 1 1/2"	G 1 1/2"

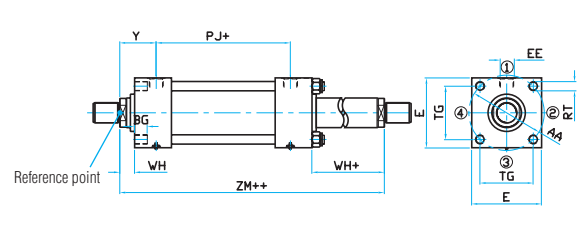
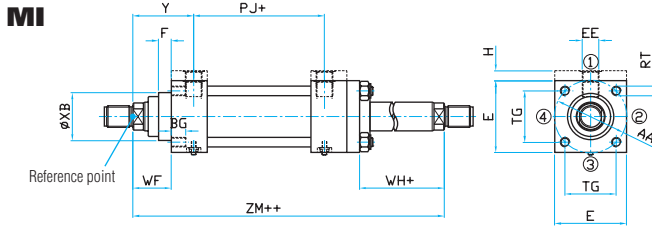


**VERINS DOUBLE TIGE/DOUBLE ROD CYLINDERS**

**H160MI-DMI-KI**

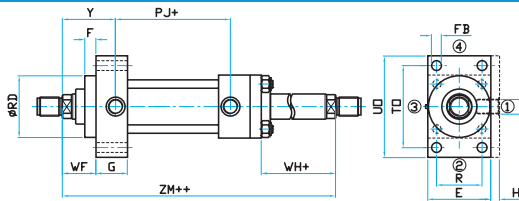
**TIRANTS RALLONGES AVANT/FRONT FLANGE**

**A**



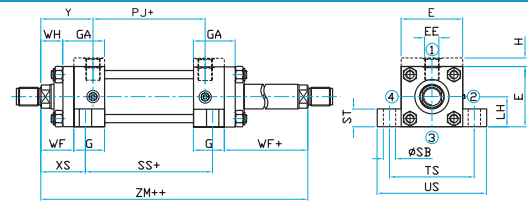
**-/FRONT FLANGE**

**A**



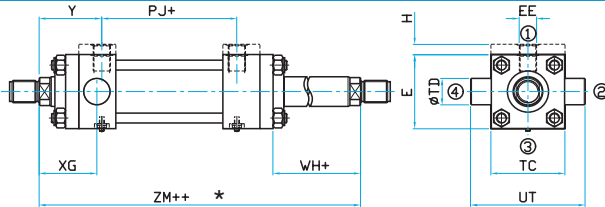
**PIED/FEET**

**E**



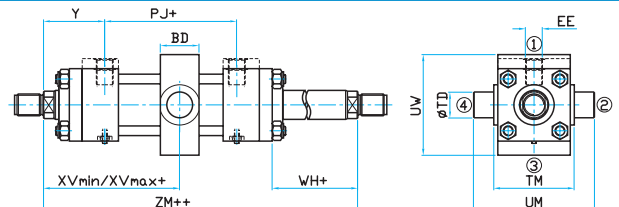
**-/FRONT TRUNNIONS**

**G**



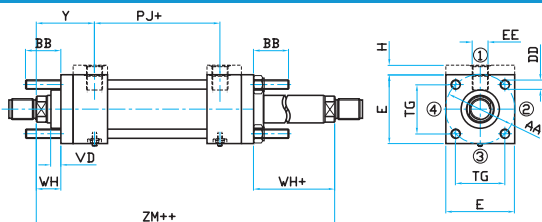
**-/INTERMEDIATE TRUNNIONS**

**H**



**-/FRONT AND REAR EXT. TIE-RODS**

**Q**



- (1) Course minimale pour exécution fixation H (iso MT4)  
Minimum stroke for H mounting (iso MT4)
- (2) Couple de serrage des tirants (Nm)  
Tightening torque tie-rods value (in Nm)
- (3) Pour les courses supérieures, une version avec contre-bride est prévue (consulter notre service technique)  
For higher strokes, a version with counterflanges is available (contact our technical department)

Pistone Piston	Stelo Rod	AA	BB	BD	BG	DD	E	EE	F	FB	G	GA	H	JA	LH H10	PJ	R	RD f8	RT	SB	SS	ST	
25	12	18	40	19	20	12	M5x0.8	40	G1/4	10	5.5	32	—	5	32	19	49+	27	38	M5	6.6	73	8.5
32	14	18	22	47	24	15	M6x1	45	G1/4	10	6.6	35.5	—	5	35.5	22	47+	33	42	M6	9	73	12.5
40	18	22	28	59	35	18	M8x1	60	G3/8	10	11	46	—	—	46	31	58+	41	62	M8	11	98	12.5
50	22	28	36	74	46	18	M12x1.25	75	G1/2	16	14	45	—	—	45	38	62+	52	74	M12	14	92	19
63	28	36	45	91	46	18	M12x1.25	90	G1/2	16	14	45	—	—	45	44	64+	65	88	M12	18	86	26
80	36	45	56	117	59	24	M16x1.5	115	G3/4	20	18	52	—	—	52	57	77+	83	105	M16	18	105	26
100	45	56	70	137	59	24	M16x1.5	130	G3/4	22	18	55	—	—	55	63	78+	97	125	M16	26	102	32
125	56	70	90	178	81	30	M22x1.5	165	G1	22	22	65	87	—	65	82	117	126	150	M22	26	131	32
160	70	90	110	219	92	35	M27x2	200	G1	25	26	70	95	—	70	101	130	155	170	M27	33	130	38
200	90	110	140	269	115	35	M30x2	245	G1 1/4	25	33	92	117	—	92	122	165	190	210	M30	39	172	44

Pistone Piston	TC	TD f8	TG	TM	TO	TS	UM	UO	US	UT	UW	VD	WF	WH	XB f9	XG	XS	XV MIN	XV MAX	Y	ZM	(1)	(2)	(3)
25	38	12	28.3	48	51	54	68	65	72	58	45	6	25	15	30	44	33	67	72+	45	139++	10	5	1000
32	44	16	33.2	55	58	63	79	70	84	68	50	12	35	25	34	54	45	83	80+	58	163++	10	9	1200
40	63	20	41.7	76	87	83	108	110	103	95	70	12	35	25	42	57	45	96	92+	65	188++	15	20	1500
50	76	25	52.3	89	105	102	129	130	127	116	90	9	41	25	50	64	54	106	94+	69	200++	20	70	1800
63	89	32	64.3	100	117	124	150	145	161	139	100	13	48	32	60	70	65	118	98+	76	216++	30	70	2300
80	114	40	82.7	127	149	149	191	180	186	178	130	9	51	31	72	76	68	133	108+	82	241++	35	160	3000
100	127	50	96.9	140	162	172	220	200	216	207	140	10	57	35	88	71	79	147	113+	91	260++	45	160	3500
125	165	63	125.9	178	208	210	278	250	254	265	180	10	57	35	—	75	79	166	123+	86	289++	60	460	3500
160	203	80	154.9	215	253	260	341	300	318	329	215	7	57	32	—	75	86	182	120+	86	302++	70	820	3500
200	241	100	190.2	279	300	311	439	360	381	401	300	7	57	32	—	85	92	213	142+	86	356++	80	1150	3500





**MECAVERIN**

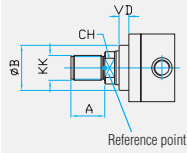
FABRICATION - VENTE - REPARATION  
**VERINS HYDRAULIQUES**

NOTICE TECHNIQUE PAGE 6/8

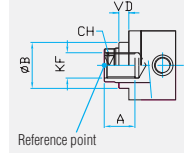
**EXTREMITES DE LA TIGE/ROD END**

**H160MI-DMI-KI**

**STANDARD**

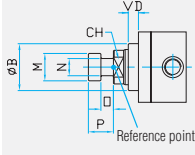


**SF**

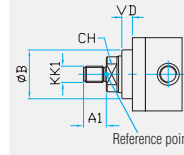


Tige / Rod	12	14	18	22	28	36	45	56	70	90	110	140
<b>A</b>	14	16	18	22	28	36	45	56	63	85	95	112
<b>B 19</b>	24	26	30	34	42	50	60	72	88	108	133	163
<b>CH</b>	10	12	15	19	22	30	36	46	60	75	95	120
<b>KK</b>	M10x1.25	M12x1.25	M14x1.5	M16x1.5	M20x1.5	M27x2	M33x2	M42x2	M48x2	M64x3	M80x3	M100x3
<b>KF</b>	M8x1	M10x1.25	M12x1.25	M16x1.5	M20x1.5	M27x2	M33x2	M42x2	M48x2	M64x3	M80x3	M100x3
<b>M</b>	11	13	16	18	22	28	35	45	56	70		
<b>N</b>	6.5	8	10	11	14	18	22	28	35	45		
<b>O</b>	5	6	7	8	10	13	16	20	25	35		
<b>P</b>	10	12	14	16	20	25	32	40	50	70		

**ST**



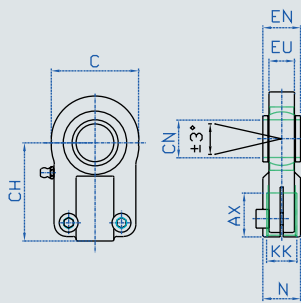
**SL DIN 24554**



Piston / Piston	25	32	40	50	63	80	100	125	160	200
<b>Stelo / Rod</b>	12 18	14 18 22	18 22 28	22 28 36	28 36 45	36 45 56	45 56 70	56 70 90	70 90 110	90 110 140
<b>A1</b>	14	16	18	22	28	36	45	56	63	85
<b>B 19</b>	24 30	26 30 34	30 34 42	34 42 50	42 50 60	50 60 72	60 72 88	72 88 108	88 108 133	108 133 163
<b>CH</b>	10 15	12 15 19	15 19 22	19 22 30	22 30 36	30 36 46	36 46 60	46 60 75	60 75 95	75 95 120
<b>KK1</b>	M10x1.25	M12x1.25	M14x1.5	M16x1.5	M20x1.5	M27x2	M33x2	M42x2	M48x2	M64x3
<b>VD</b>	6	12	12	9	13	9	10	10	7	7

**CS EMBOUT A ROTULE/ROD END EYE WITH SPHERICAL BEARING**

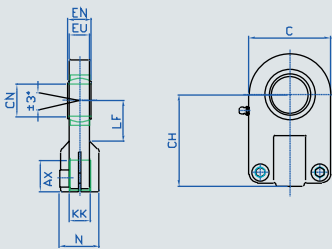
**ISO 6982**



	CS 12125	CS 1415	CS 1615	CS 2015	CS 272	CS 332	CS 422	CS 482	CS 643	CS 803	CS 1003
<b>AX</b>	17	19	23	29	37	46	57	64	86	96	113
<b>C</b>	32	40	47	58	70	89	108	132	168	212	264
<b>CH</b>	38	44	52	65	80	97	120	140	180	210	260
<b>CN</b>	12	16	20	25	32	40	50	63	80	100	125
<b>EN</b>	12	16	20	25	32	40	50	63	80	100	125
<b>EU</b>	10.5	13	17	21	27	32	40	52	66	85	103
<b>KK</b>	M12*1.25	M14*1.5	M16*1.5	M20*1.5	M27*2	M33*2	M42*2	M48*2	M64*3	M80*3	M100*3
<b>LF</b>	14	18	22	27	32	41	50	62	78	98	120
<b>N</b>	16	21	25	30	38	47	58	70	90	110	135
<b>(KG)</b>	0.11	0.20	0.36	0.62	1.16	2.16	3.84	7.24	13.20	28.0	46.40

**TS EMBOUT A ROTULE/ROD END EYE WITH SPHERICAL BEARING**

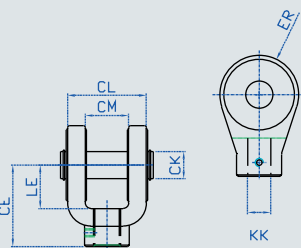
**DIN 24555**



	TS 10125	TS 12125	TS 1415	TS 1615	TS 2015	TS 272	TS 332	TS 422	TS 482	TS 643
<b>AX</b>	15	17	19	23	29	37	46	57	64	86
<b>C</b>	32	42	50	62	76	96	116	150	195	235
<b>CH</b>	42	48	58	68	85	105	130	150	185	240
<b>CN</b>	12	16	20	25	30	40	50	60	80	100
<b>EN</b>	10	14	16	20	22	28	35	44	55	70
<b>EU</b>	8	11	13	17	19	23	30	38	47	57
<b>KK</b>	M10*1.25	M12*1.25	M14*1.5	M16*1.5	M20*1.5	M27*2	M33*2	M42*2	M48*2	M64*3
<b>LF</b>	18	22	28	34	38	48	62	74	98	122
<b>N</b>	17	21	25	30	36	45	55	68	78	100
<b>(KG)</b>	0.13	0.23	0.39	0.70	1.22	2.14	3.96	7.26	14.60	25*40

**CF EXTREMITÉ A CHAPE AVEC AXE/ROD END CLEVIS WITH PIN**

**ISO 8133**



	CF 10125	CF 12125	CF 1415	CF 1615	CF 2015	CF 272	CF 332	CF 422	CF 482	CF 643	CF 803
<b>CE</b>	32	36	38	54	60	75	99	113	126	168	168
<b>CK</b>	10	12	14	20	20	28	36	45	56	70	70
<b>CL</b>	24	32	40	60	60	80	100	120	140	160	160
<b>CM</b>	12	16	20	30	30	40	50	60	70	80	80
<b>ER</b>	12	17	17	29	29	34	50	53	59	78	78
<b>KK</b>	M10*1.25	M12*1.25	M14*1.5	M16*1.5	M20*1.5	M27*2	M33*2	M42*2	M48*2	M64*3	M80*3
<b>LE</b>	13	19	19	32	32	39	54	57	63	83	83
<b>(KK)</b>	0.10	0.18	0.25	0.88	0.92	1.90	4.92	6.52	10.04	19.50	19.50

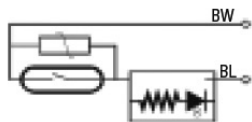
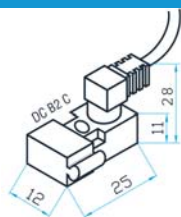




## CAPTEURS MAGNETIQUES/MAGNETIC PROXIMITY

## H160MI-DMI-KI

### SR



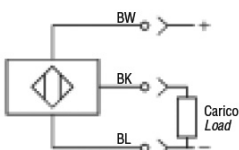
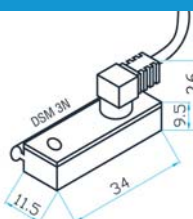
BW = marrone / brown  
BL = bleu / blue

### CARACTERISTIQUES TECHNIQUES / SPECIFICATIONS

### SR

Tension / Voltage	24-110 V AC/DC
Intensité max. / Max current (a 25°)	0.3 A
Circuit électrique / Electric circuit	REED
Classe de protection / Protection class	IP 67 EN60529
Température ambiante / Température range °C	-20 +80
Signalisation / Indicating	LE D
Câble / Cable	mm_ 2*0.25
Longueur câble / cable length	mt 5

### SH



BW = marron / brown  
BL = bleu / blue  
BK = noir / black

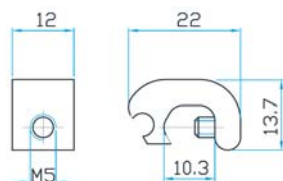
### CARACTERISTIQUES TECHNIQUES / SPECIFICATIONS

### SH

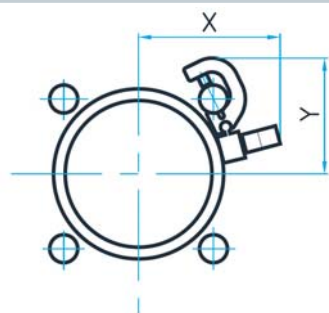
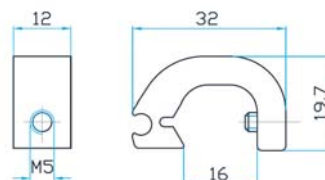
Tension / Voltage	24V DC
Intensité max. / Max current (a 25°)	0.25 A
Circuit électrique / Electric circuit	PNP
Classe de protection / Protection class	IP 67 EN60529
Température ambiante / Température range °C	-20 +80
Signalisation / Indicating	LE D
Câble / Cable	mm_ 3*0.25
Longueur câble / cable length	mt 5

## BRIDES DE SERRAGE POUR VERINS "MD"/BRACKET FOR "MD" CYLINDERS

### ST-A POUR ALESAGES/FOR PISTON 25-32-40



### ST-B POUR ALESAGES/FOR PISTON 50-63-80-100

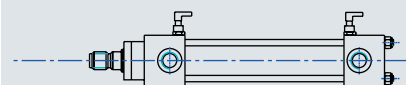


Alésage /Piston	X	Y	Bride / Bracket
25	43	26	ST- A
32	45	28	
40	50	32	
50	56	44	ST- B
63	61	50	
80	71	57	
100	78	64	

## CODIFICATION A APPELER POUR LA COMMANDE ORDERING CODE

Type	Capteur	SR	A	Bride	Pour diamètres vérins
Type	Switch			Bracket	For cylinder bore
REED	SR			A	25-32-40
PNP	SH			B	50-63-80-100

### SP CAPTEURS MAGNETIQUES/PROXIMITY SWITCHES



Prévus pour vérins alésés, alésages de 40 à 200 (consulter notre service technique) for cylinders with cushioning bores from 40 to 200 (contact our technical department)