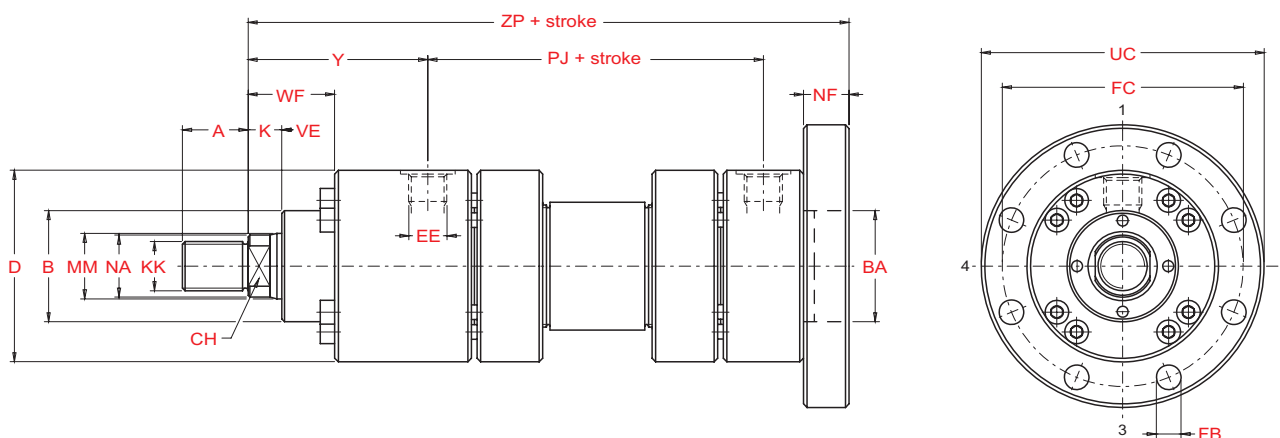
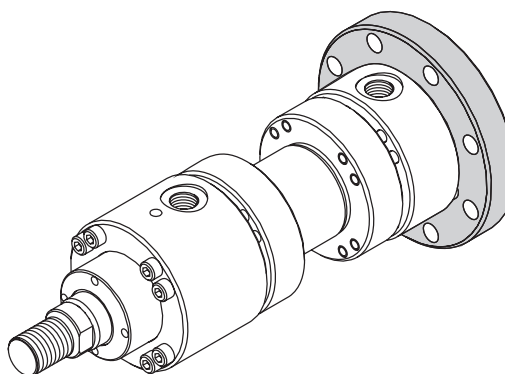




Rear flange

MF4
Type 14



MM - Rod diameter

Bore Ø	MM Ø	A	B ^{f8} Ø	CH	D _{max} Ø	EE (BSP)	KK (Metric)	NA Ø	BA ^{H8} Ø	K	VE	WF	NF	FB Ø	FC Ø	UC Ø	Y	PJ	ZP _{max}
50	32	36	63	28	105	1/2"	M27x2	31	63	18	29	47	25	13,5 N° 8 holes	132	155	98	120	265
	36			35															
63	40	45	75	34	122	3/4"	M33x2	38	75	21	32	53	28	13,5 N° 8 holes	150	175	112	133	298
	45			43															
80	50	56	90	43	145	3/4"	M42x2	48	90	24	36	60	32	17,5 N° 8 holes	180	210	120	155	332
	56			54															
100	63	70	110	53	175	1"	M48x2	60	110	27	41	68	36	22 N° 8 holes	212	250	134	171	371
	70			67															
125	80	90	132	65	210	1"	M64x3	77	132	31	45	76	40	22 N° 8 holes	250	290	153	205	430
	90			87															
140 ⁵⁾	90	100	145	75	255	1" 1/4	M72x3	87	145	31	45	76	40	26 N° 8 holes	300	340	181	208	465
	100			96															
160	100	110	160	85	270	1" 1/4	M80x3	96	160	35	50	85	45	26 N° 8 holes	315	360	185	235	505
	110			106															
180 ⁵⁾	110	125	185	95	315	1" 1/4	M90x3	106	185	40	55	95	50	33 N° 8 holes	365	420	205	250	550
	125			121															
200	125	140	200	-	330	1" 1/4	M100x3	121	200	40	61	101	56	33 N° 8 holes	385	440	220	278	596
	140			136															
250	160	180	250	-	410	1" 1/2	M125x4	155	250	42	71	113	63	39 N° 8 holes	475	540	260	325	703
	180			175															
320	200	220	320	-	510	2"	M160x4	195	320	48	88	136	80	45 N° 8 holes	600	675	310	350	830
	220			214															
400	250	280	400	-	628	2"	M200x4	242	400	53	110	163	100	45 N° 12 holes	720	800	310	355	855
	280			270															

5) Bore non-compliant with ISO 6022 standard.

Unless otherwise specified, all dimensions are given in millimetres.

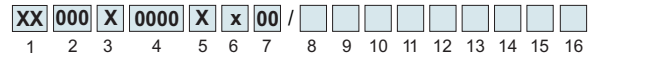


How to order a HYDROMAT H2 series cylinder compliant with ISO 6022

The HYDROMAT H2 series cylinders compliant with ISO 6022 standards are provided with an identification code which describes the construction specifications in a non-ambiguous way. To make up the code for the order, follow the code diagram set out below and insert the letters identifying the various features of the desired cylinder in the sequence given below.

Features	Description	Code
Series	To ISO 6022 standards To ISO 6022 standards for taking transducer	H2 T2
Bore	Specify bore in mm (indicate 3 figures)	-
Rod MM (diameter)	32 mm (bore 50)	I
	36 mm (bore 50)	L
	40 mm (bore 63)	O
	45 mm (bore 63)	M
	50 mm (bore 80)	N
	56 mm (bore 80)	P
	63 mm (bore 100)	Q
	70 mm (bore 100)	R
	80 mm (bore 125)	S
	90 mm (bores 125 and 140 ⁵⁾)	T
	100 mm (bores 140 ⁵⁾ and 160)	U
	110 mm (bores 160 and 180 ⁵⁾)	V
	125 mm (bores 180 ⁵⁾ and 200)	A
	140 mm (bore 200)	Z
	160 mm (bore 250)	B
	180 mm (bore 250)	X
200 mm (bore 320)	C	
220 mm (bore 320)	Y	
250 mm (bore 400)	D	
280 mm (bore 400)	W	
Stroke	Specify the stroke in mm (indicate 4 figures)	-
Rod type	Without cushioning	C
	Front cushioning	E
	Rear cushioning ⁶⁾	G
	Cushioning on both ends ⁶⁾	P
	Double rod without cushioning	S
Double rod with cushioning	T	
Special machining	Female rod threading	w
	Customised machining	z
Mounting type	Basic version (not in line to ISO 6022)	00
	Side foot (not in line to ISO 6022)	03
	Intermediate fixed trunnion (ISO MT4)	06
	Rear clevis (ISO MP3)	07
	Rear spherical bearing (ISO MP5)	08
	Front flange (ISO MF3)	13
Rear flange (ISO Mf4)	14	

Cylinder ordering code



- When issuing the order for the cylinder, provide the following information:
- code identifying the model
 - quantity
 - special features (if requested) with any enclosed sketches and/or construction drawings
 - operating conditions for special uses
 - delivery date with type of priority

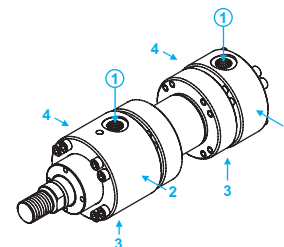
Code	Description	Features
D0	Specify the position of the drainage connection	Drainage connection
K00	Specify the position of the front and rear inductive sensors	Position of inductive sensors
S00	Specify the position of the front and rear air bleeds	Position of air bleeds
R00	Specify the position of the front and rear braking adjustment devices	Position of braking adjustment devices
P00	Specify the position of front and rear connections	Position of connections
-	Specify the number of spacers (multiples of 50 mm)	Spacers
T U* V** Z	Seals for water and glycol mixtures Low friction seals Seals for high temperatures and/or aggressive fluids Seals for heavy applications	Seals
D [§] E [§] F [§]	Front inductive sensor Rear inductive sensor Front and rear inductive sensor	Inductive sensors
A B C [#]	Front air bleed Rear air bleed Front and rear air bleeds	Air bleeds

- * min. working pressure 20 bar
- ** max. working temperature for T2 and H2 series cylinders fitted with inductive sensors: 70 °C
- [§] Using inductive sensors, the cylinder must be provided with cushioning (front or rear)
- [#] Compulsory for T2 series cylinders

Example of cylinder code:

H2063M0125E13

H2 series cylinder to ISO 6022 standards - bore 63 - rod 45 - stroke 125 - front cushioning - front flange (ISO MF3). The input connection and front cushioning positions are standard so they are not specified in the ordering code (oil feeding inlets side 1 on head and cap, cushioning side 3 on head as specified in Table 13 on page 43).



Example of cylinder code:

H2125T0800Pw06/FU P14 K22

H2 series cylinder to ISO 6022 standards - bore 125 - rod 90 - stroke 800 - cushioning on both ends - female rod threading - intermediate fixed trunnion (ISO MT4) - front and rear inductive sensor - low friction seals - position of input connections side 1 on head and side 4 on cap - position of inductive sensor side 2 on head and cap - cushioning in standard position side 3 on head and cap (see Table.13 on page 43).

5) Bore non-compliant with ISO 6022 standard
6) Not available for bores 50 and 63 of the T2 series