

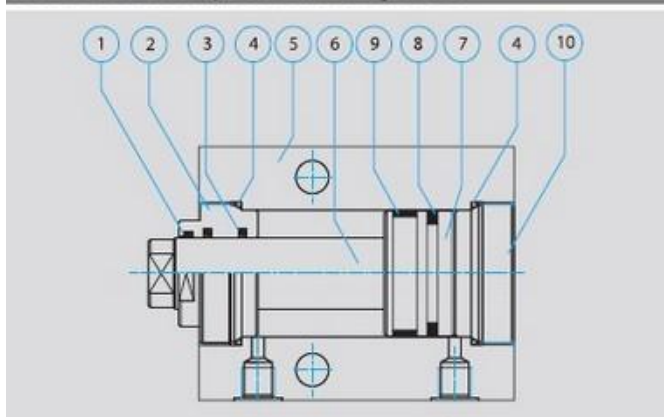
## Vérins Blocs Acier H250A

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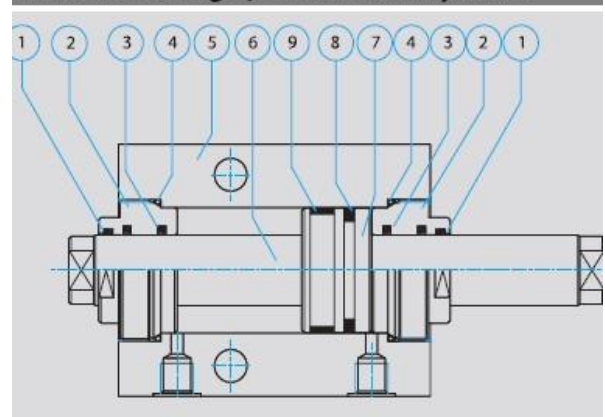
Caractéristiques techniques / Specification	
Alésage / Bore	mm de 25 à 100 mm
Pression maxi. / Max. pressure	bar 250
Température fluide / Fluid temperature	°C Standard -20 +80 Viton® -20 +150
Course standard / Standard stroke	mm 20 / 50 Autres courses sur demande / Other strokes on request
Fluide / fluid	Huile hydraulique minérale - Esters Phosphoriques / Hydraulic mineral oil - phosphoric esters
Fixations / Mounting	Avant, arrière, latérale / Front, rear, lateral
Tolérance sur la course / Stroke tolerance	mm 0 +0,5

### Vérin standard / Standard cylinder



Rep. / Ref.	Nomenclature composants / Component nomenclature	Matériaux / Material
1	Racleur / Wiper	NBR + PTFE
2	Guidage / Guide bushing	Bronze / Bronze
3	Joint de tige / Rod seal	NBR + PTFE
4	Joint OR + BK / Oring seal + BK	NBR + PTFE
5	Corps / Cylinder body	Acier / Steel
6	Tige / Rod	Acier chromé / Chromedplated steel
7	Piston / Piston	Acier / Steel
8	Joint piston / Piston seal	NBR + PTFE
9	Bague de guidage / Low friction bearings	Résine / Resin
10	Bouchon arrière / Rear cap	Acier / Steel

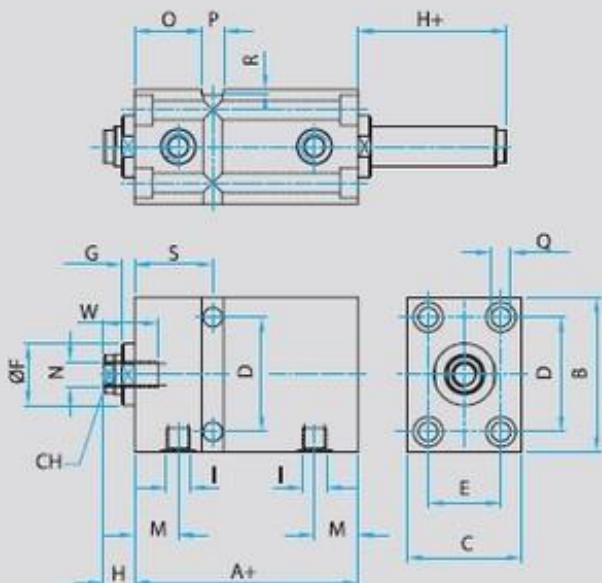
### Vérin double tige / Double rod cylinder



Rep. / Ref.	Nomenclature composants / Component nomenclature	Matériaux / Material
1	Racleur / Wiper	NBR + PTFE
2	Guidage / Guide bushing	Bronze / Bronze
3	Joint de tige / Rod seal	NBR + PTFE
4	Joint OR + BK / Oring seal + BK	NBR + PTFE
5	Corps / Cylinder body	Acier / Steel
6	Tige / Rod	Acier chromé / Chromedplated steel
7	Piston / Piston	Acier / Steel
8	Joint piston / Piston seal	NBR + PTFE
9	Bague de guidage / Low friction bearings	Résine / Resin

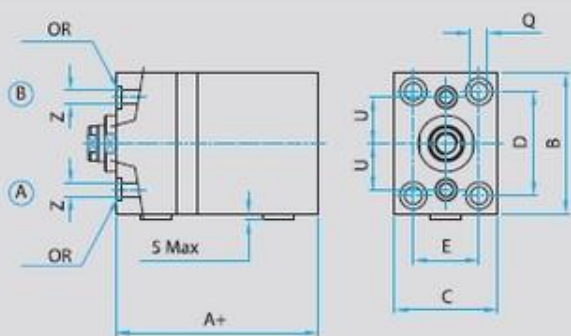
## Vérins Blocs Acier H250A

### X Alim. raccords filetés / Threaded oil connections



Alésage Bore	25	32	40	50	63	80	100
Tige Rod	18	22	22	28	28	36	45
A	57+	60+	73+	75+	85+	100+	110+
B	65	75	85	100	115	140	170
C	45	55	63	75	90	110	140
CH	15	19	19	22	22	30	36
D	50	55	63	76	90	110	135
E	30	35	40	45	55	75	95
F f8	32	34	34	42	50	60	72
G	6,5	8	7	8	7	7	8
H	14	15	17	20	20	20	25
I	G1/4"	G1/4"	G1/4"	G1/4"	G3/8"	G1/2"	G1/2"
M	17	18	23,5	23,5	26	30	35
N	M10	M12	M14	M20	M20	M27	M33
O	32	34	37	37,5	47,5	50	60
P * <sup>+0.1 +0.2</sup>	10	12	12	15	15	20	20
Q	8,5	10,5	10,5	13	13	17	17
R	2	3	3	5	5	5	5
S	37	40	43	45	55	60	70
W	23	23	30	30	30	40	50

### A Alimentation par l'avant / Front side oil supply

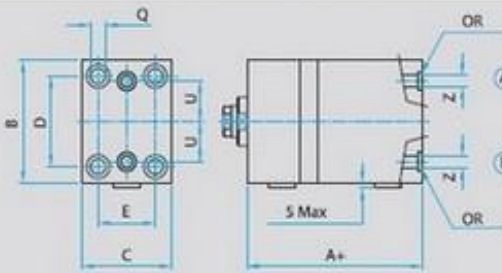


Alésage Bore	25	32	40	50	63	80	100
Tige Rod	18	22	22	28	28	36	45
A	57+	60+	73+	75+	85+	100+	110+
B	65	75	85	100	115	140	170
C	45	55	63	75	90	110	140
D	50	55	63	76	90	110	135
E	30	35	40	45	55	75	95
OR	OR106 (610)	OR106 (610)	OR106 (610)	OR108 (611)	OR108 (611)	OR108 (611)	OR108 (611)
Q	8,5	10,5	10,5	13	13	17	17
U	25,5	30	32,5	40	47,5	59	70
Z	4	4	5	7	7	7	7

A charge tirée / pull load - B charge poussée / Push load

## Vérins Blocs Acier H250A

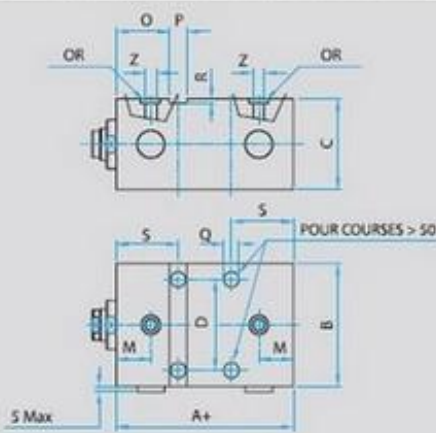
### B Alimentation par l'arrière / Rear side oil supply



Alésage Bore	25	32	40	50	63	80	100
Tige Rod	18	22	22	28	28	36	45
A	57+	60+	73+	75+	85+	100+	110+
B	65	75	85	100	115	140	170
C	45	55	63	75	90	110	140
D	50	55	63	76	90	110	135
E	30	35	40	45	55	75	95
OR	OR106 (610)	OR106 (610)	OR106 (610)	OR108 (611)	OR108 (611)	OR108 (611)	OR108 (611)
Q	8,5	10,5	10,5	13	13	17	17
U	25,5	30	32,5	40	47,5	59	70
Z	4	4	5	7	7	7	7

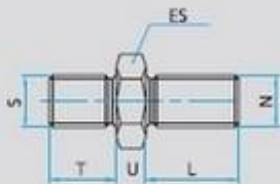
A charge tirée / pull load - B charge poussée / Push load

### E Alimentation flasquée latérale / Lateral oil supply



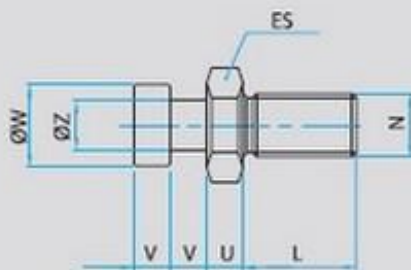
Alésage Bore	25	32	40	50	63	80	100
Tige Rod	18	22	22	28	28	36	45
A	57+	60+	73+	75+	85+	100+	110+
B	65	75	85	100	115	140	170
C	45	55	63	75	90	110	140
D	50	55	63	76	90	110	135
M	17	18	23,5	23,5	26	30	35
O	32	34	37	37,5	47,5	50	60
OR	OR106 (610)	OR106 (610)	OR106 (610)	OR108 (611)	OR108 (611)	OR108 (611)	OR108 (611)
P	10	12	12	15	15	20	20
Q	8,5	10,5	10,5	13	13	17	17
R	2	3	3	5	5	5	5
S	37	40	43	45	55	60	70
Z	4	4	5	7	7	7	7

### EM Extrémité male / male end rod



Alésage Bore	25	32	40	50	63	80	100
Type	EM10	EM12	EM14	EM20	EM20	EM27	EM33
ES	17	19	22	30	30	36	46
L	20	20	25	30	30	40	50
N	M10	M12	M14	M20	M20	M27	M33
S	M10X1,25	M12X1,25	M14X1,5	M20X1,5	M20X1,5	M27X2	M33X
T	14	16	18	28	28	36	45
U	6	7	8	9	9	12	14

### ET Tenon / Floating joint

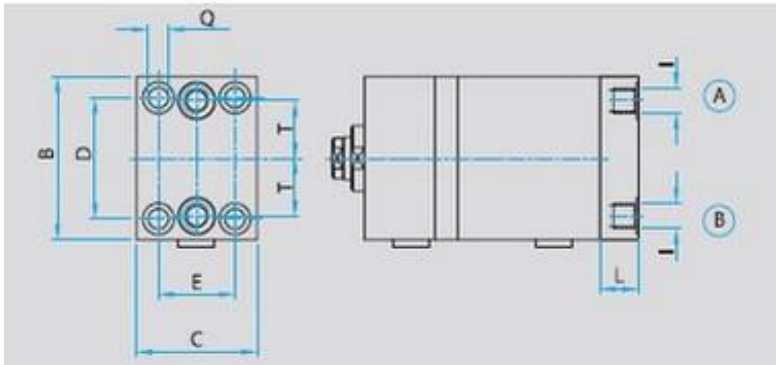


Alésage Bore	25	32	40	50	63	80	100
Type	ET10	ET12	ET14	ET20	ET20	ET27	ET33
ES	17	19	22	30	30	36	46
L	20	20	25	30	30	40	50
N	M10	M12	M14	M20	M20	M27	M33
U	6	7	8	9	9	12	14
V	7	8	8	10	10	12,5	16
W	16	18	18	22	22	28	35
Z	10	11	11	14	14	18	22

## Vérins Blocs Acier H250A

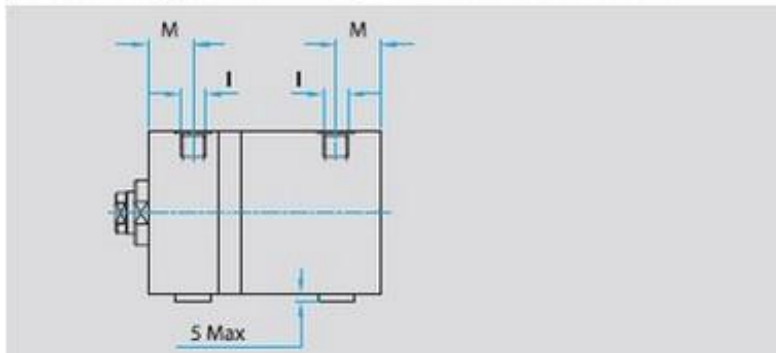
### OPTIONS – EXÉCUTIONS SPÉCIALES / SPECIAL OPTIONS – VERSIONS

#### BA Embase pour verin B / Plate connections - Version B



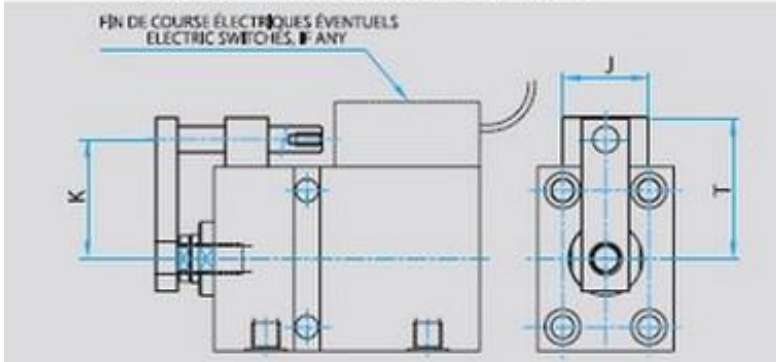
Alésage Bore	25	32	40	50	63	80	100
B	65	75	85	100	115	140	170
C	45	55	63	75	90	110	140
D	50	55	63	76	90	110	135
E	30	35	40	45	55	75	95
I	G1/4"	G1/4"	G1/4"	G1/4"	G3/8"	G1/2"	G1/2"
L	20	20	20	24	30	30	30
Q	8,5	10,5	10,5	13	13	17	17
T	16	20	30	37	40	50	65

#### AS Alim. supplémentaires / Additional connections



Alésage Bore	25	32	40	50	63	80	100
I	G1/4"	G1/4"	G1/4"	G1/4"	G3/8"	G1/2"	G1/2"
M	17	18	23,5	23,5	26	30	35

#### AR Système Anti-Rotation et fin de course Antirotation system and stroke limiters



Alésage Bore	25	32	40	50	63	80	100
K	45	50	55	62,5	70	82,5	97,5
J	40	40	40	40	40	40	50
T	55	60	65	72,5	80	92,5	107,5

## Vérins Blocs Acier H250A

### Code de commande / Ordering code

H250A - 32 / 22 - X 20 - - -

Exécution spéciale / Special version SX

Alésage / Bore	Tige / Rod
25	18
32	22
40	22
50	28
63	28
80	36
100	45

2<sup>ème</sup> tige éventuelle / Possible 2<sup>nd</sup> rod

Raccordements Connections	Alimentation Oil feeder
Filetés / Threaded	Standard X
A paroi / Wall	Avant / Front A
	Arrière / Rear B
	Latérale / Late E

Options / Exécutions spéciales (Voir page 4)  
Special options / Versions (see page 4)

Joints / Seals

-	Standard
Y	bas frottement / Low friction
W	Viton®
N	Eau glycole / HFC Fluid

Entretoise (pour courses intermédiaires)

Spacer (for intermediate strokes)

SJ	Longueur entretoise en mm (course standard - course effective) Spacer length in mm (standard stroke - real stroke)
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Course standard / Standard stroke

20	20 mm
50	50 mm

Autres courses sur demande / Other stroke on request

(1) Indiquer SX à chaque fois que le cylindre a des options ou versions spéciales. Indiquer ensuite dans la case, à la fin du code, le code correspondant.

Indicate SX when the cylinder has special options or versions. Then, indicate in the appropriate box, after the ordering code, the corresponding code followed by the drawing's number, if any.