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VÉRINS COMPACTS - Ø 125 à 250

COMPACT CYLINDERS

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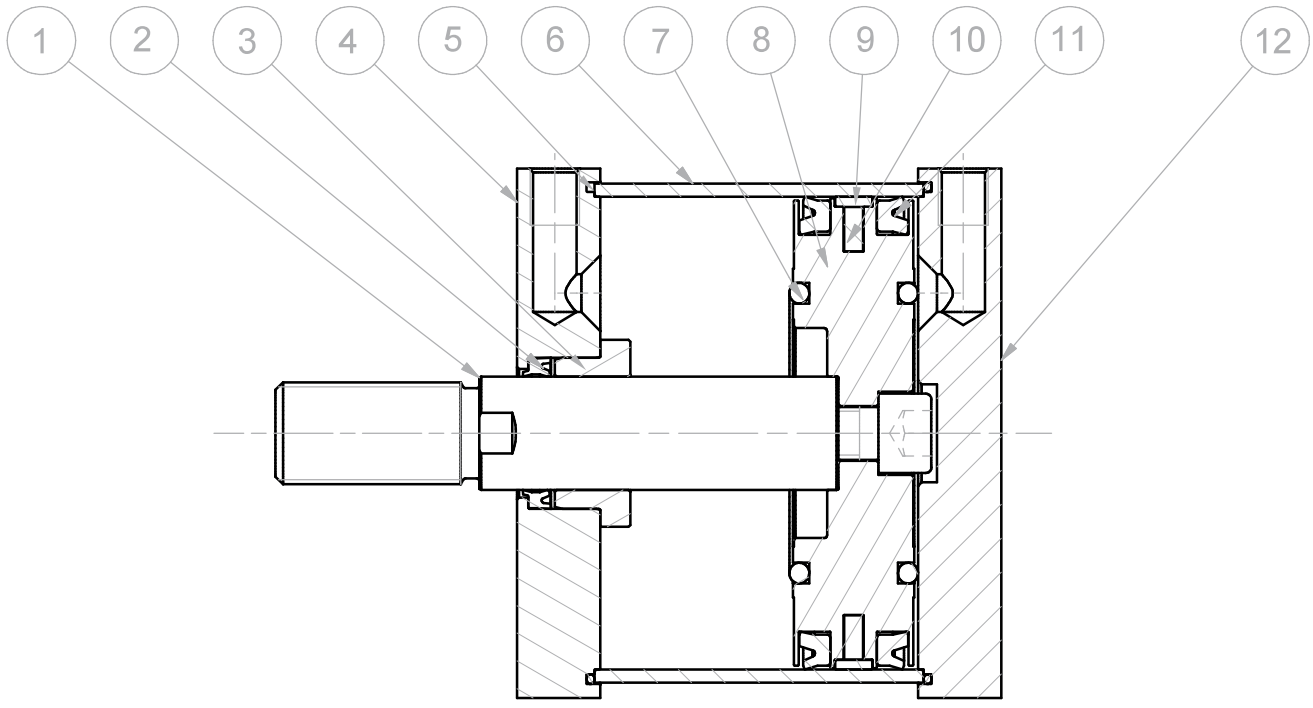
CARACTÉRISTIQUES TECHNIQUES - *TECHNICAL CHARACTERISTICS*	
Pression d'utilisation *Working pressure*	1 ÷ 10 bar (double effet - *double acting*) 2 ÷ 10 bar (simple effet - *single acting*)
Température d'utilisation *Working temperature*	0 ÷ +80°C (-20 °C avec air sec - *with dry air*) 0 ÷ +150°C (avec joint haute température - *with high temperature seals*)
Versions - *Versions*	simple effet (ressort avant) - double effet - anti-rotation - double tige *single acting (front spring) - double acting - anti-rotation - double rod*
Alésages - *Bores*	Ø 125 - 160 - 200 - 250
Courses - *Strokes*	Voir tableau course standard- *see standard stroke tables*
Fluide - *Fluid*	air comprimé, filtré, lubrifié ou non - *compressed air, filtered, no lubrication*

CARACTÉRISTIQUES MATIÈRES - *CONSTRUCTIVE CHARACTERISTICS*		
①	**Tige de piston** - *Piston rod*	acier inoxydable AISI 303 - *stainless steel AISI 303*
② ⑤ ⑪	**Joints** - *Seals*	polyuréthane, NBR - *polyurethane, nbr*
③	**Bague de guidage** - *Bush*	acier+PTFE - *steel+PTFE*
④ ⑫	**Flasques** - *Covers*	aluminium anodisé - *anodized aluminium*
⑥	**Tube** - *Tube*	aluminium anodisé - *anodized aluminium*
⑦	**Amortisseurs** - *Cushioning*	élastique - *elastic*
⑧	**Piston** - *Piston*	aluminium - *aluminium*
⑨	**Bague de guidage** - *Guide ring*	PBT+PTFE
⑩	**Aimant** - *Magnet*	aimant en caoutchouc - *rubber magnet*
	Tirants - *Tie rods*	acier - *steel*
	Écrous - *Screws*	acier - *steel*
	Ressort - *Spring*	acier - *steel*



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CODIFICATION

KEY CODE

K D M 2 0 0 . 1 0 0 . G S . F

Alésage - *BORE* (Ø)
125 - 160 - 200 - 250

Courses - *STROKE* (mm)
voir tableau des courses std
see std stroke tables

Tige - *ROD*
- **F** femelle *female*
- **M** mâle *male*

Version - *VERSION*
- **P** double tige *double rod*
- **A** avec dispositif anti-rotation *with anti-rotation bracket*

Version - *VERSION*
- **M** magnétique *magnetic*
- non magnetique *non-magnetic*

Version - *VERSION*
- **S** simple effet ressort avant *single acting front spring*
- **D** double effet *double acting*

Joints - *SEALS*
- **GS** joints standards *standard seals*
- **VR** joints de piston en version haute température *high temperature rod seal*
- **VA** tous les joints à haute température *all seals for high temperature*

Séries - *SERIES*
- **K** tube cylindrique avec tirants *round tube with tie rods*

SUR DEMANDE - *ON REQUEST*
Tige de piston creuse - *Hollow piston rod*
Tige de piston Prolongée (WH) - *Extended piston rod (W)*
Fil spécial (sans écrou de tige) - *Special thread (without rod nut)*

FORCES THÉORIQUES DE TRACTION (P=6bar)

THEORETICAL FORCES OF TRACTION (P=6bar)

		Ø	125	160	200	250
KD - KDM	POUSSÉE *THRUST*	[N]	7.280	11.960	18.720	29.350
	TRACTION	[N]	6.880	11.200	17.960	28.600
KDP - KDMP	POUSSÉE *THRUST*	[N]	6.880	11.200	17.960	28.600
	TRACTION	[N]	6.880	11.200	17.960	28.600

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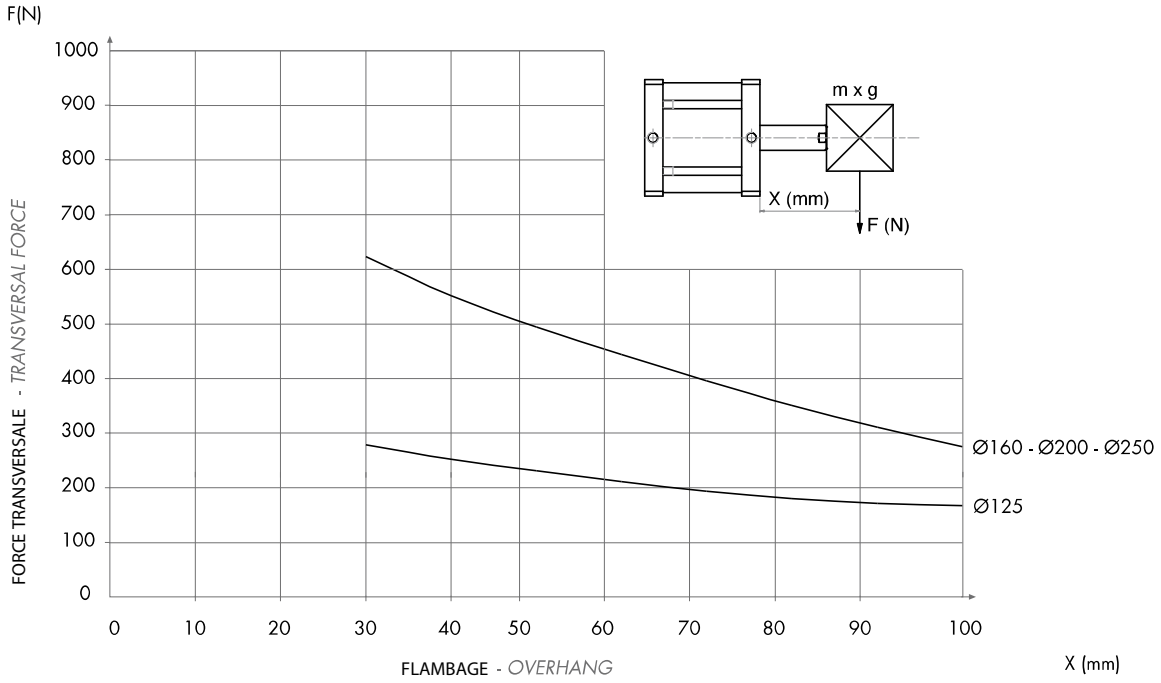
CHARGE APPLICABLE

KS | KSM | KD | KDM

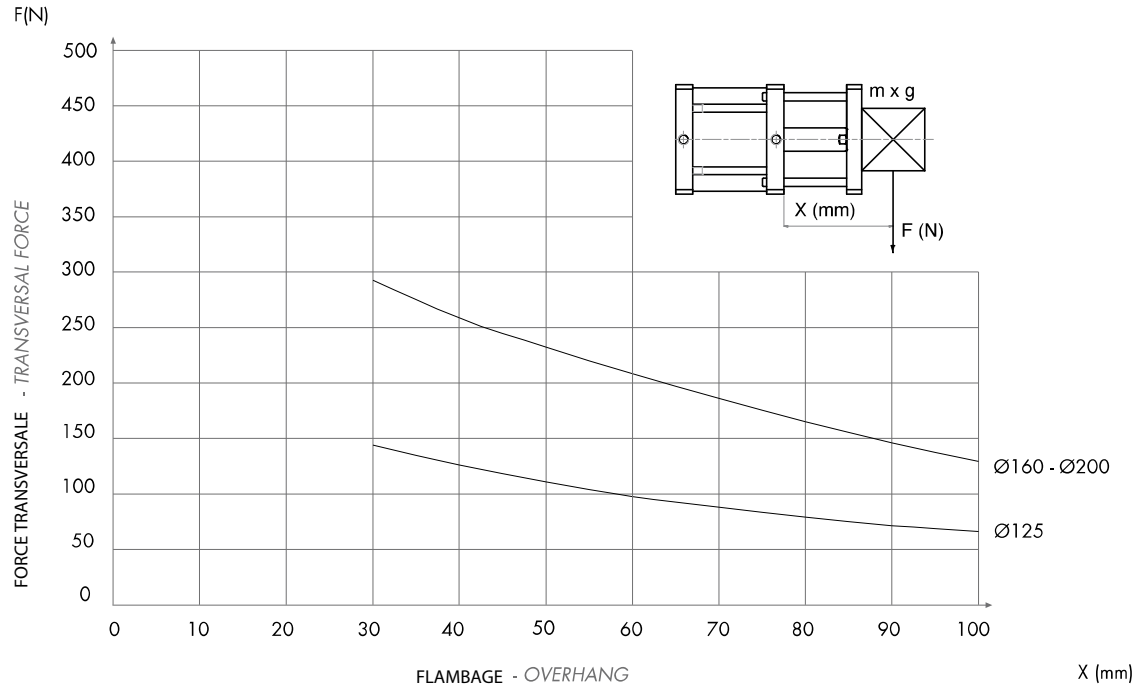
APPLICABLE LOAD



CHARGE APPLICABLE

KDA | KDMA

APPLICABLE LOAD



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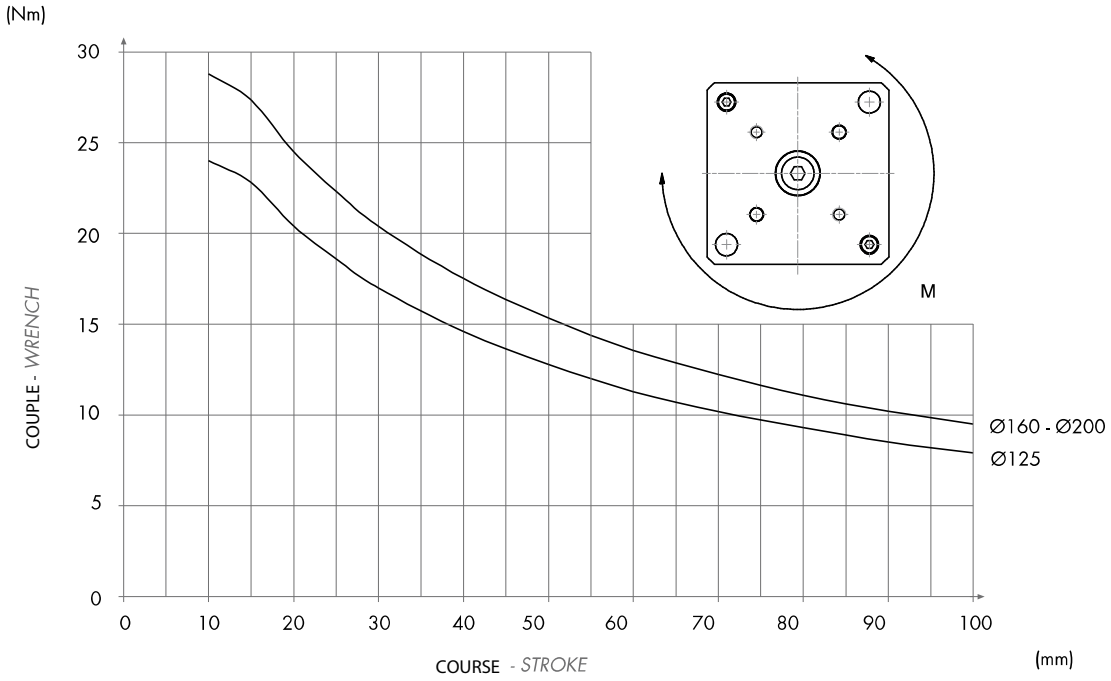
CHARGE APPLICABLE

KDA KDMA

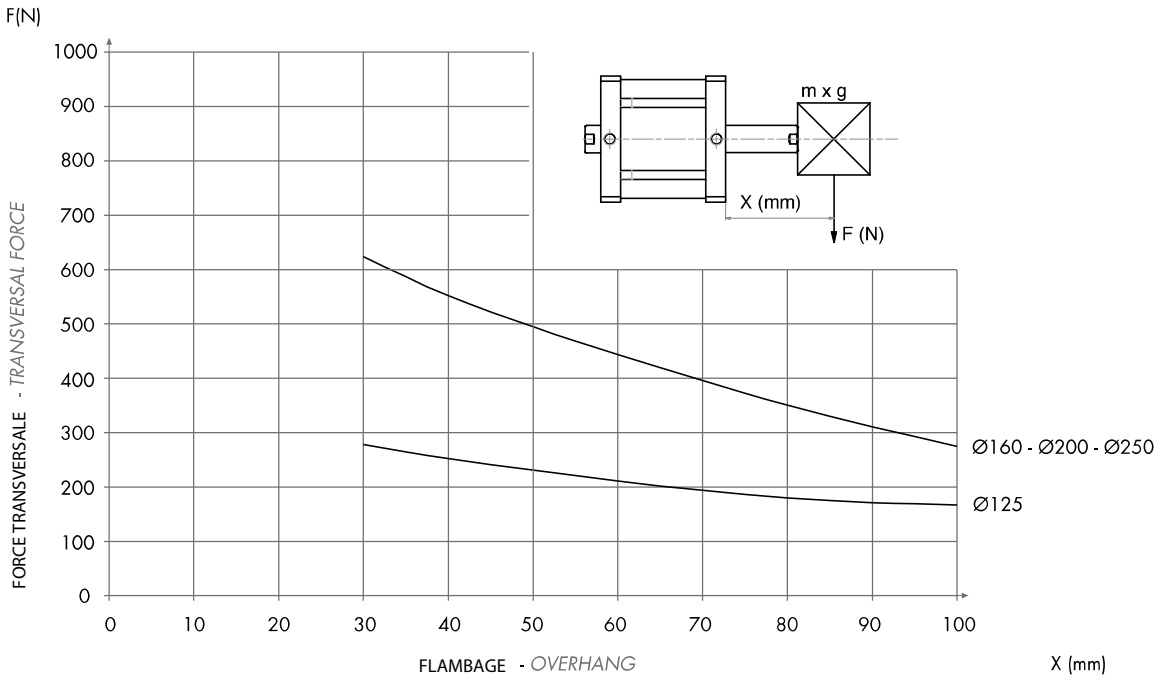
APPLICABLE LOAD



CHARGE APPLICABLE

KDP KDMP

APPLICABLE LOAD



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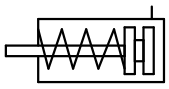
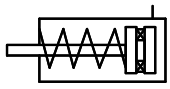
AIMANT SIMPLE EFFET - RESSORT AVANT

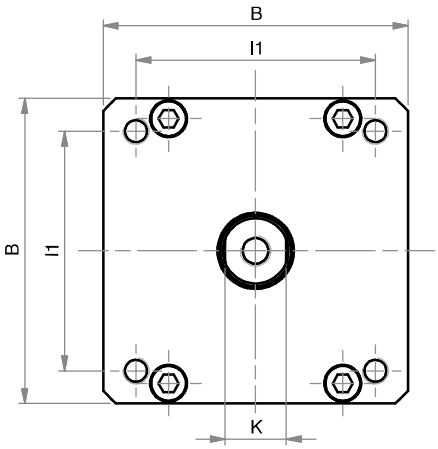
(MAGNETIC) SINGLE ACTING - FRONT SPRING

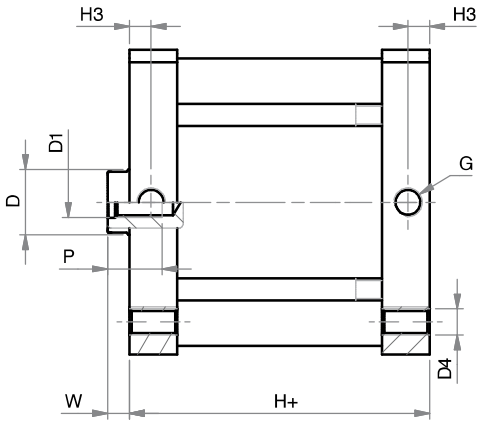
KS

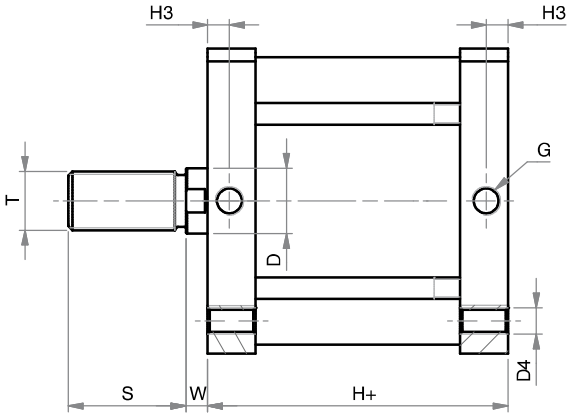


KSM









DIMENSIONS - *DIMENSIONS*			
Ø	125	160	200
B	140	180	220
ø D	30	40	40
D1	M14	M20	M20
D4	M12	M16	M16
G	G1/4	G3/8	G3/8
H+	78	87	87
H + viton	83	91	105
H3	10	12	12
I1	110	140	175
K	28	36	36
P	25	30	30
S	54	72	72
T	M27x2	M36x2	M36x2
W	10	12	12

+ = aggiungere lunghezza corsa (mm) - *add stroke length (mm)*

COURSES STANDARD - STANDARD STROKES			
Ø	125	160	200
010	x	x	x
025	x	x	x
050	x	x	x

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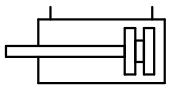
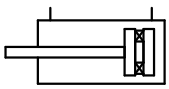
AIMANT DOUBLE EFFET

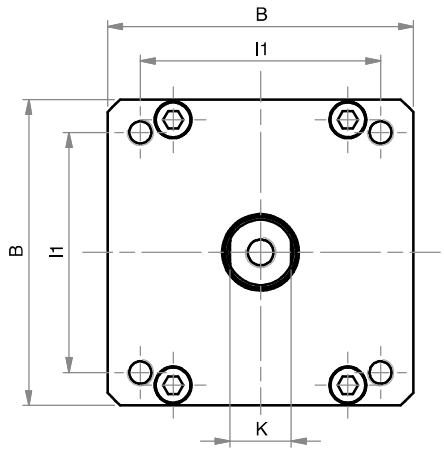
(MAGNETIC) DOUBLE ACTING

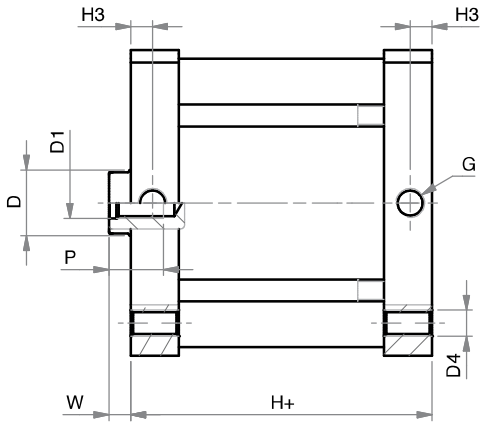
KD

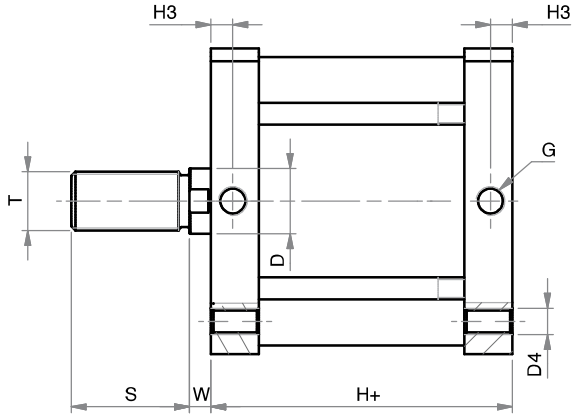


KDM









DIMENSIONS - DIMENSIONS				
Ø	125	160	200	250
B	140	180	220	270
ø D	30	40	40	40
D1	M14	M20	M20	M24
D4	M12	M16	M16	M20
G	G1/4	G3/8	G3/8	G1/2
H+	78	87	87	116
H + viton	83	91	105	116
H3	10	12	12	15
I1	110	140	175	220
K	28	36	36	36
P	25	30	30	35
S	54	72	72	72
T	M27x2	M36x2	M36x2	M36x2
W	10	12	12	12

+ = ajouter longueur de course (mm) - add stroke length (mm)

COURSES STANDARD - STANDARD STROKES				
Ø	125	160	200	250
010	x	x	x	x
025	x	x	x	x
050	x	x	x	x
075	x	x	x	x
100	x	x	x	x
125	x	x	x	x
160	x	x	x	x
200	x	x	x	x
250	x	x	x	x
300	x	x	x	x

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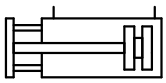
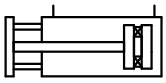
AIMANT DOUBLE EFFET ANTI-ROTATION

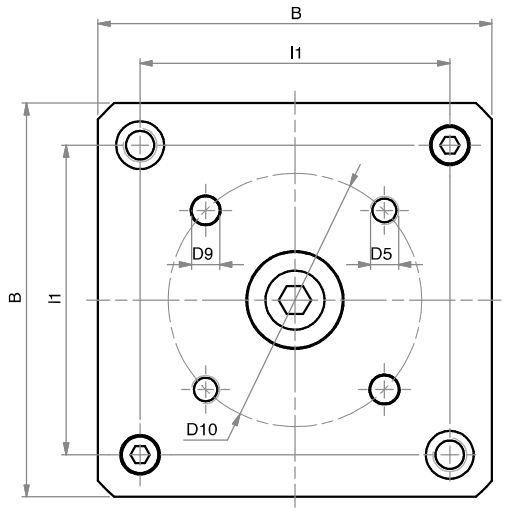
ANTI-ROTATION (MAGNETIC) DOUBLE ACTING

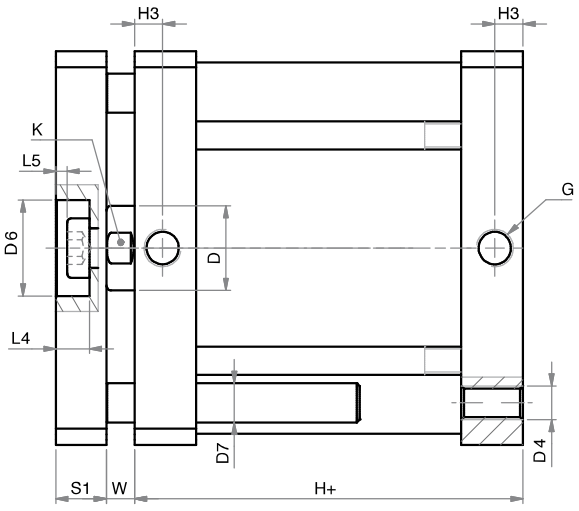
KDA



KDMA







DIMENSIONS - *DIMENSIONS*			
Ø	125	160	200
B	140	180	220
ø D	30	40	40
D1	M14	M20	M20
D4	M12	M16	M16
D5	M10	M12	M12
ø D6	34	46	46
ø D7	14	20	20
ø D9	10	12	12
ø D10	90	110	110
G	G1/4	G3/8	G3/8
H+	78	87	87
H + viton	83	91	105
H3	10	12	12
I1	110	140	175
K	28	36	36
L4	12	16	16
L5	3	3	3
S1	18	23	23
W	10	12	12

+ = ajouter longueur de course (mm) - *add stroke length (mm)*

COURSES STANDARD - *STANDARD STROKES*			
Ø	125	160	200
010	x	x	x
025	x	x	x
050	x	x	x
075	x	x	x
100	x	x	x
125	x	x	x
160	x	x	x
200	x	x	x
250	x	x	x
300	x	x	x

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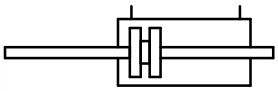
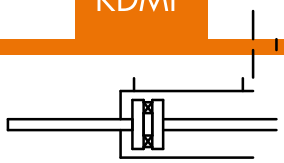
AIMANT DOUBLE EFFET - DOUBLE TIGE

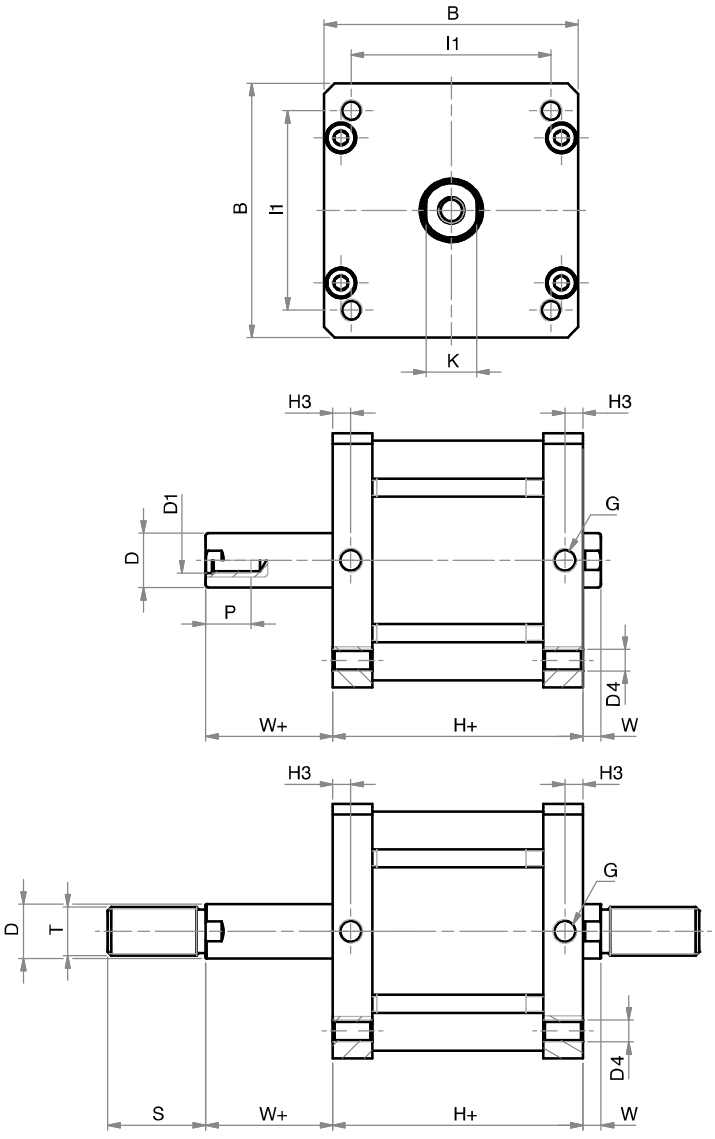
DOUBLE ROD (MAGNETIC) DOUBLE ACTING

KDP



KDMP





DIMENSIONS - DIMENSIONS				
Ø	125	160	200	250
B	140	180	220	270
ø D	30	40	40	40
D1	M14	M20	M20	M24
D4	M12	M16	M16	M20
G	G1/4	G3/8	G3/8	G1/2
H+	78	87	87	116
H + viton	83	91	105	116
H3	10	12	12	15
I1	110	140	175	220
K	28	36	36	36
P	25	30	30	35
S	54	72	72	72
T	M27x2	M36x2	M36x2	M36x2
W	10	12	12	12
W+	10	12	12	12

+ = ajouter longueur de course (mm) - add stroke length (mm)

COURSES STANDARD - STANDARD STROKES				
Ø	125	160	200	250
010	x	x	x	x
025	x	x	x	x
050	x	x	x	x
075	x	x	x	x
100	x	x	x	x
125	x	x	x	x
160	x	x	x	x
200	x	x	x	x
250	x	x	x	x
300	x	x	x	x

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CYLINDRES TANDEM - TANDEM CYLINDERS

CODIFICATION - KEY CODE

K T2 M 1 6 0 . 0 5 0 . G S . M

VERSION - VERSION

T2	tandem double force *double thrust tandem*
T3	tandem triple force *3 x force*
T4	tandem quadruple force *4 x force*

K C M 1 2 5 . 0 5 0 . 1 0 0 . G S . F

Alésage - BORE (Ø)

125 - 160 - 200 - 250

I° Course (mm)
I° STROKE (mm)

voir tableau des courses std
see std stroke tables

II° Course (mm)
II° STROKE (mm)

voir tableau des courses std
see std stroke tables

Tige - ROD

F	femelle *female*
M	mâle *male*

VERSION - VERSION

M	magnétique *magnetic*
	non magnetique *non-magnetic*

Joints - SEALS

GS	joints standards *standard seals*
VR	joints de piston en version haute température *high temperature rod seal*
VA	tous les joints à haute température *all seals for high temperature*

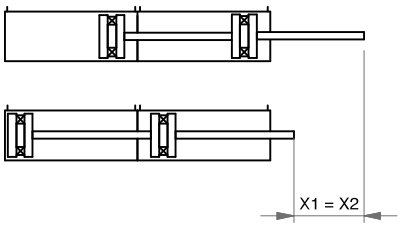
VERSION - VERSION

P	tandem multi-position double effet *multi-position double acting tandem*
C	tandem arrière opposé double effet *rear opposed double acting tandem*

SERIE - SERIES

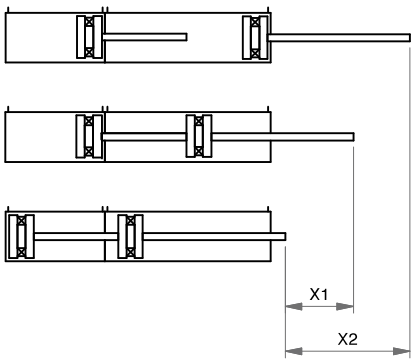
K	tube rond avec lien de tige *round tube with tie rods*

DOUBLE POUSSÉE - DOUBLE THRUST

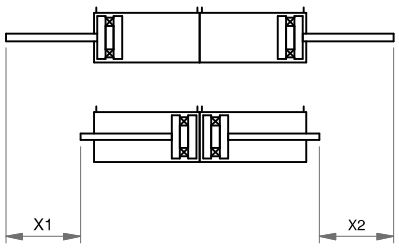


X1= 1°course - *1° stroke*
X2= 2°course - *2° stroke*

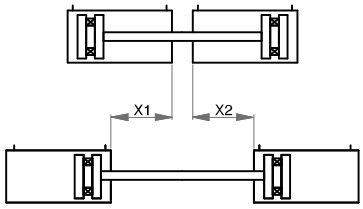
MULTI-POSITIONS - MULTI-POSITIONS



FLASQUE ARRIERE - REAR OPPOSED



TIGE COMMUNE - FRONT OPPOSED



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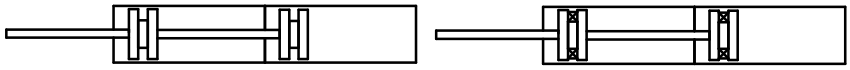
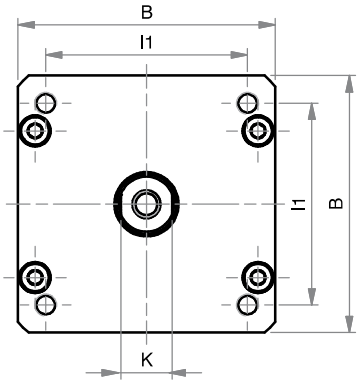
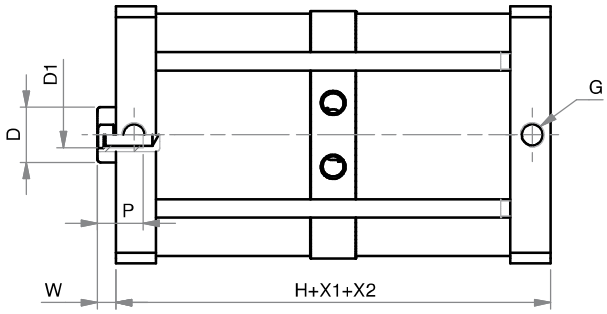
TANDEM DOUBLE POUSSÉE

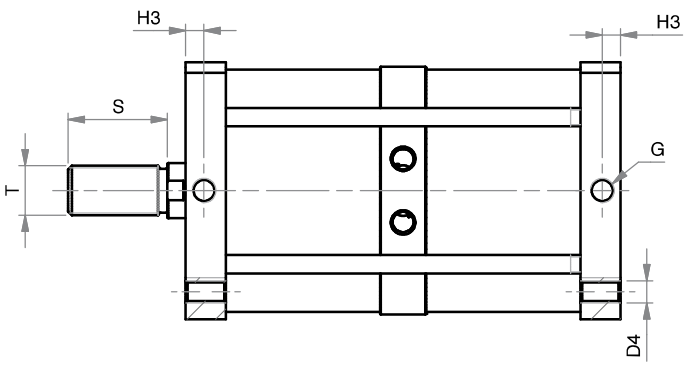
KT KTM

DOUBLE THRUST TANDEM









DIMENSIONS - *DIMENSIONS*

Ø	125	160	200	250
B	140	180	220	
ø D	30	40	40	
D1	M14	M20	M20	
D4	M12	M16	M16	
G	G1/4	G3/8	G3/8	
H	137	150	150	
H viton	147	158	186	
H3	10	12	12	
I1	110	140	175	
K	28	36	36	
P	25	30	30	
S	54	72	72	
T	M27x2	M36x2	M36x2	
W	10	12	12	
X1	I° COURSE *I° STROKE*	I° COURSE *I° STROKE*	I° COURSE *I° STROKE*	
X2	II° COURSE *II° STROKE*	II° COURSE *II° STROKE*	II° ***COURSE*** *II° STROKE*	

Une question, un conseil
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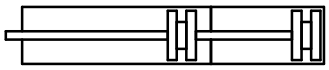
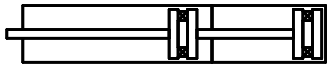
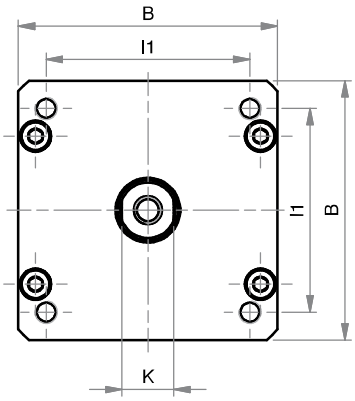
TANDEM MULTI-POSITION

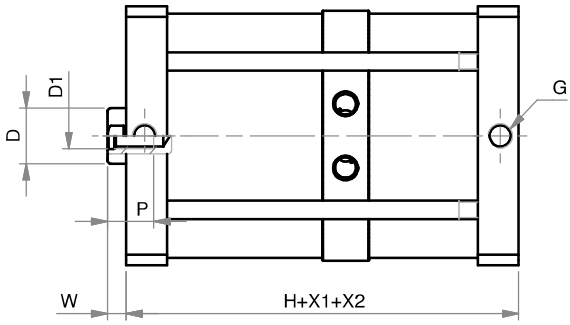
KP KPM

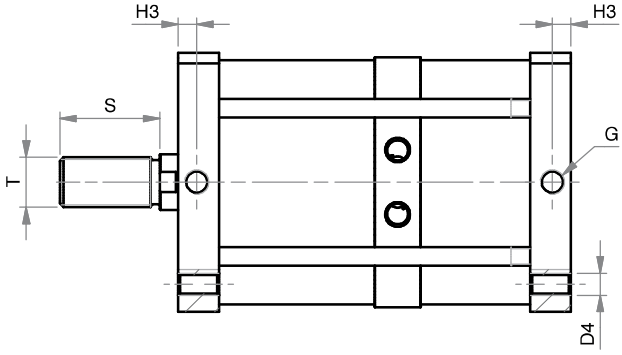
MULTI-POSITION TANDEM











DIMENSIONS - *DIMENSIONS*

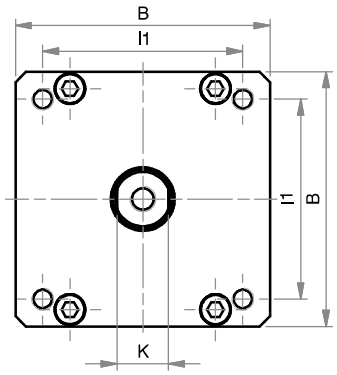
Ø	125	160	200	250
B	140	180	220	
ø D	30	40	40	
D1	M14	M20	M20	
D4	M12	M16	M16	
G	G1/4	G3/8	G3/8	
H	137	150	150	
H viton	147	158	186	
H3	10	12	12	
I1	110	140	175	
K	28	36	36	
P	25	30	30	
S	54	72	72	
T	M27x2	M36x2	M36x2	
W	10	12	12	
X1	I° COURSE *I° STROKE*	I° COURSE *I° STROKE*	I°COURSE *I° STROKE*	
X2	II° COURSE *II° STROKE*	II° COURSE *II° STROKE*	II° COURSE *II° STROKE*	

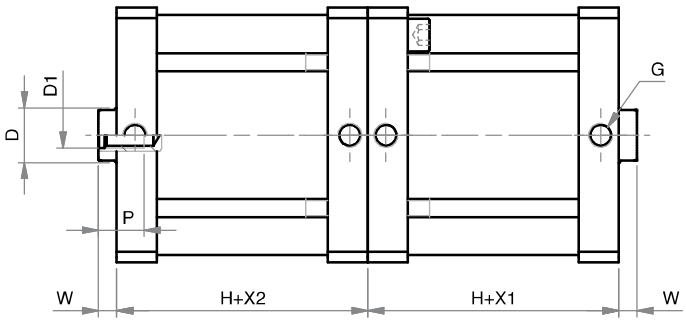
Une question, un conseil
TEL + 33(0) 388 373 330
FAX + 33(0) 388 370 886

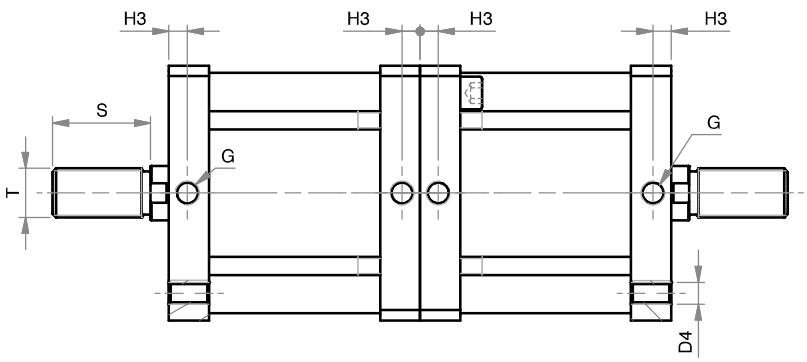
TANDEM FLASQUE ARRIERE

KC KCM

REAR OPPOSED TANDEM







DIMENSIONS - *DIMENSIONS*

Ø	125	160	200	250
B	140	180	220	
ø D	30	40	40	
D1	M14	M20	M20	
D4	M12	M16	M16	
G	G1/4	G3/8	G3/8	
H	78	87	87	
H viton	83	91	105	
H3	10	12	12	
I1	110	140	175	
K	28	36	36	
P	25	30	30	
S	54	72	72	
T	M27x2	M36x2	M36x2	
W	10	12	12	
X1	I° COURSE *I° STROKE*	I° COURSE *I° STROKE*	I° COURSE *I° STROKE*	
X2	II° COURSE *II° STROKE*	II° COURSE *II° STROKE*	II° COURSE *II° STROKE*	

Une question, un conseil
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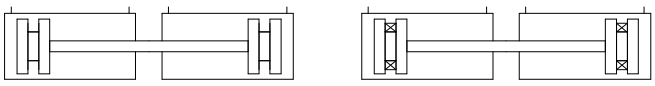
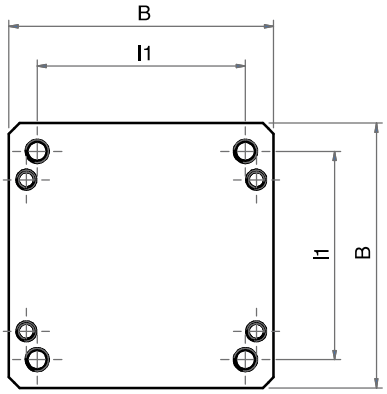
FAX + 33(0) 388 370 886

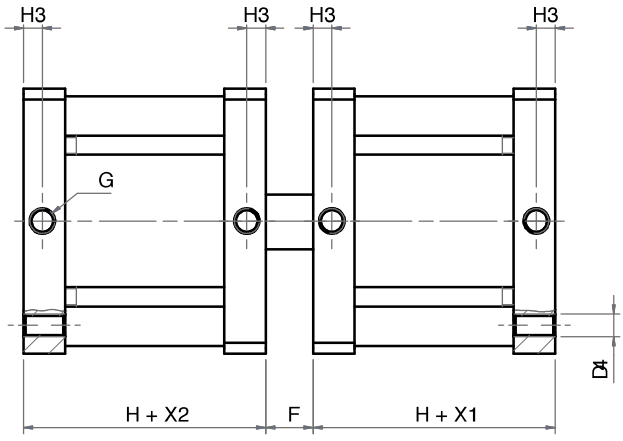
TANDEM TIGE COMMUNE

KF KFM

FRONT OPPOSED TANDEM







DIMENSIONS - *DIMENSIONS*				
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X1	I° COURSE *I° STROKE*	I° COURSE *I° STROKE*	I° COURSE *I° STROKE*	
X2	II° COURSE *II° STROKE*	II° COURSE *II° STROKE*	II° COURSE *II° STROKE*	