

CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS

Pressione di esercizio <i>Working pressure</i>	1 ÷ 10 bar (doppio effetto - <i>double acting</i>) 2 ÷ 10 bar (semplice effetto - <i>single acting</i>)
Temperatura di esercizio <i>Working temperature</i>	0 ÷ +80°C (-20°C con aria secca - <i>with dry air</i>) 0 ÷ +150°C (con guarnizioni per alte temperature - <i>with high temperature seals</i>)
Versioni - Versions	semplice effetto (molla anteriore) - doppio effetto - antirotazione - stelo passante <i>single acting (front spring) - double acting - anti-rotation - double rod</i>
Alesaggi - Bores	Ø 125 - 160 - 200 - 250
Corse - Strokes	vedere tabelle corse standard - <i>see standard stroke tables</i>
Fluidi - Fluid	aria compressa, filtrata, non lubrificata - <i>compressed air, filtered, no lubrication</i>

CARATTERISTICHE COSTRUTTIVE - CONSTRUCTIVE CHARACTERISTICS

①	Stelo - Piston rod	acciaio inox AISI 303 - <i>stainless steel AISI 303</i>
② ⑤ ⑪	Guarnizioni - Seals	poliuretano, nbr - <i>polyurethane, nbr</i>
③	Boccola - Bush	acciaio+PTFE - <i>steel+PTFE</i>
④ ⑫	Testate - Covers	alluminio anodizzato - <i>anodized aluminium</i>
⑥	Tubo - Tube	alluminio anodizzato - <i>anodized aluminium</i>
⑦	Ammortizzo - Cushioning	elastico - <i>elastic</i>
⑧	Pistone - Piston	alluminio - <i>aluminium</i>
⑨	Fascia di guida - Guide ring	PBT+PTFE
⑩	Magnete - Magnet	plastroferrite - <i>rubber magnet</i>
	Tiranti - Tie rods	acciaio - <i>steel</i>
	Viti - Screws	acciaio - <i>steel</i>
	Molla - Spring	acciaio - <i>steel</i>

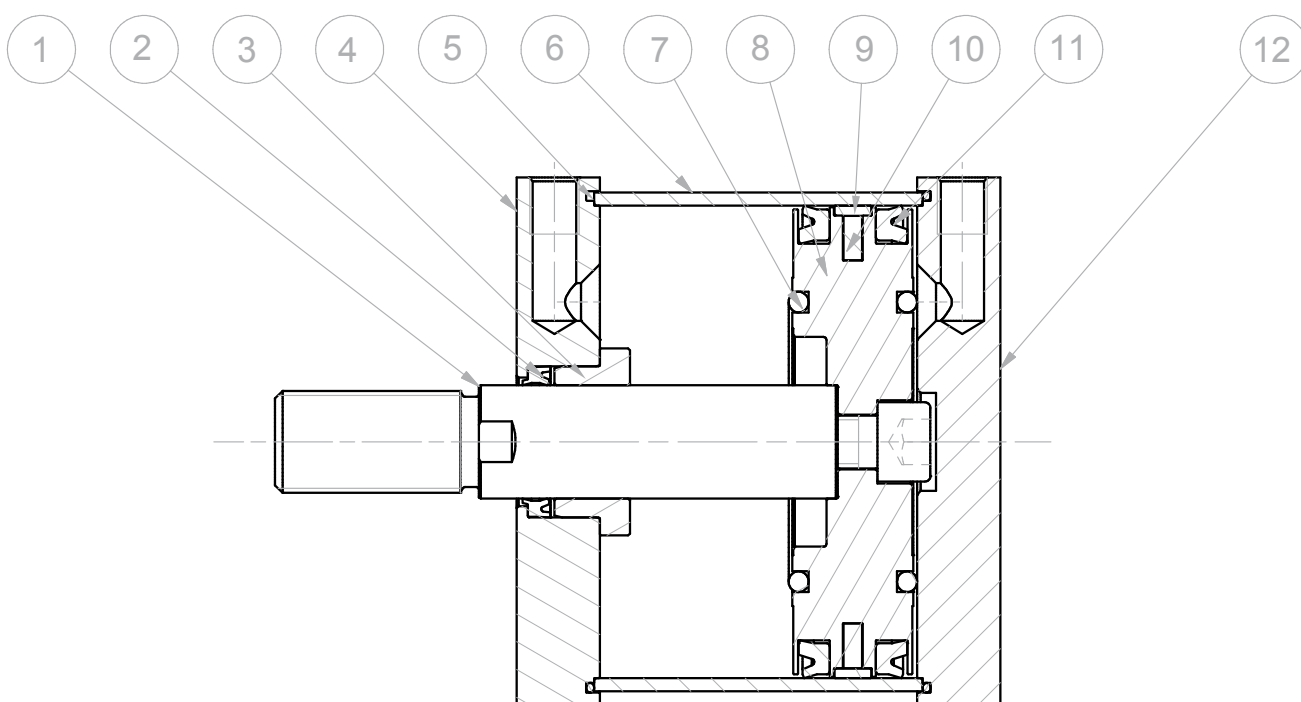


DIAGRAMMA CARICO AMMISSIBILE

KS

KSM

KD

KDM

APPLICABLE LOAD

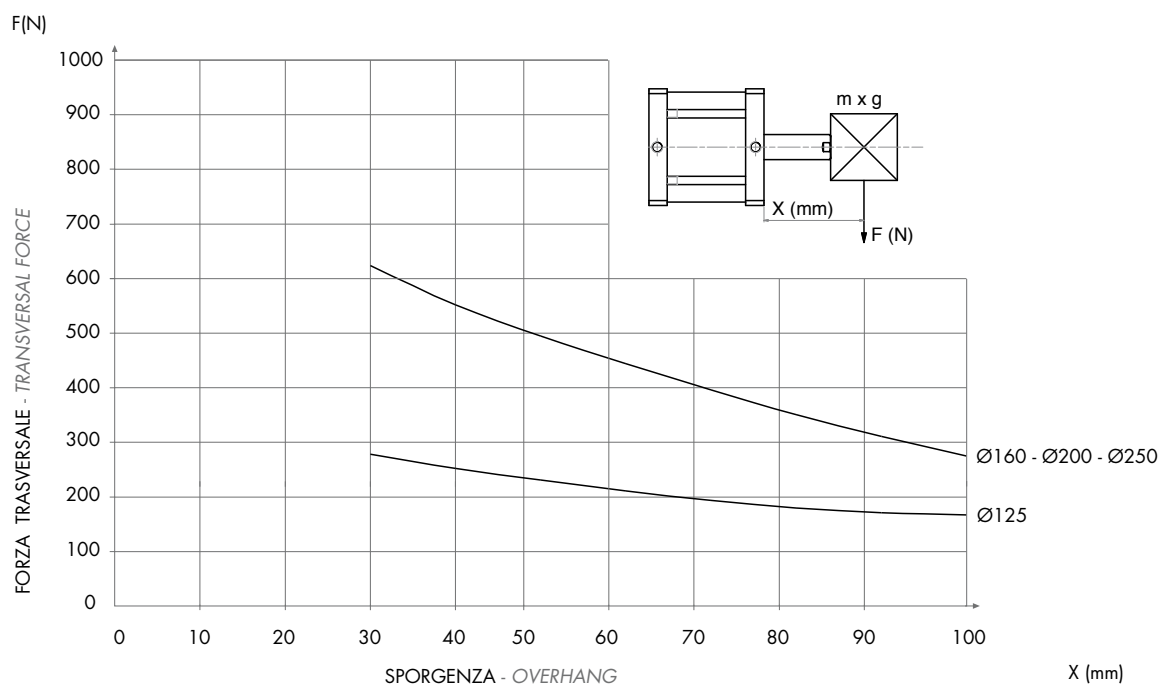


DIAGRAMMA CARICO AMMISSIBILE

KDA

KDMA

APPLICABLE LOAD

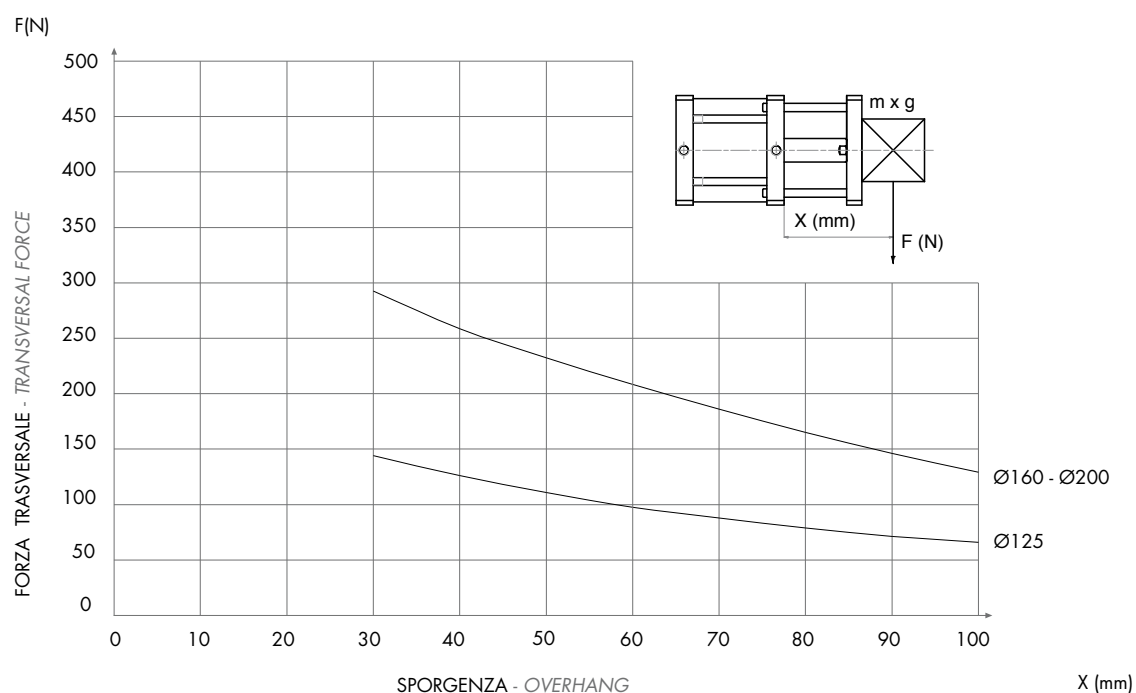


DIAGRAMMA CARICO AMMISSIBILE

KDA

KDMA

APPLICABLE LOAD

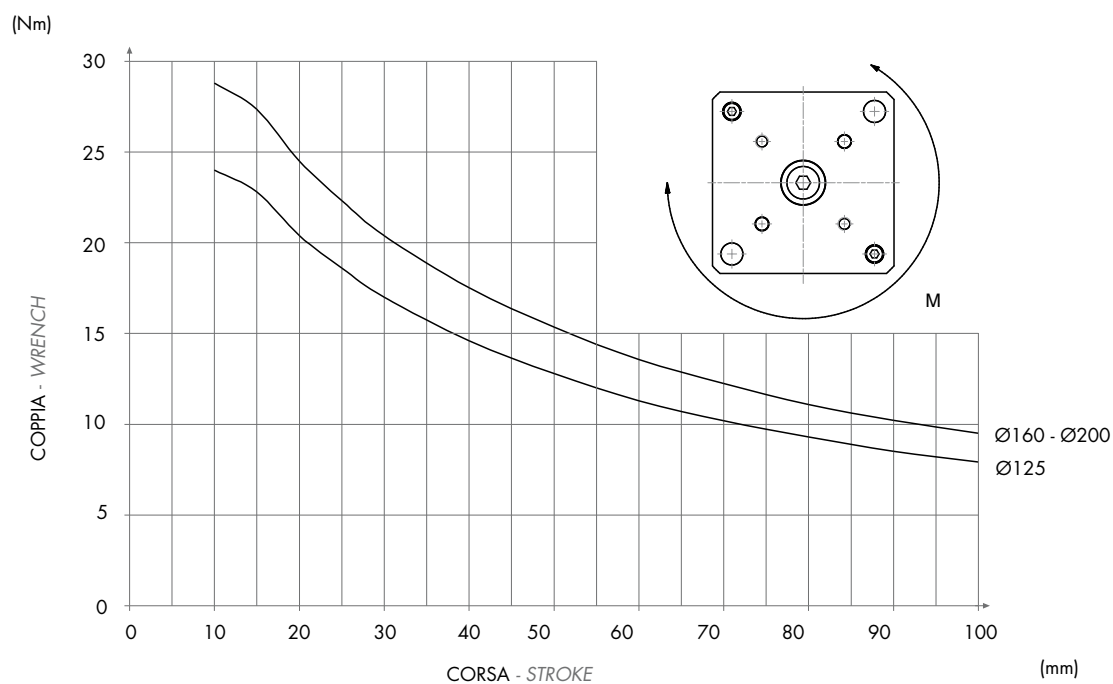
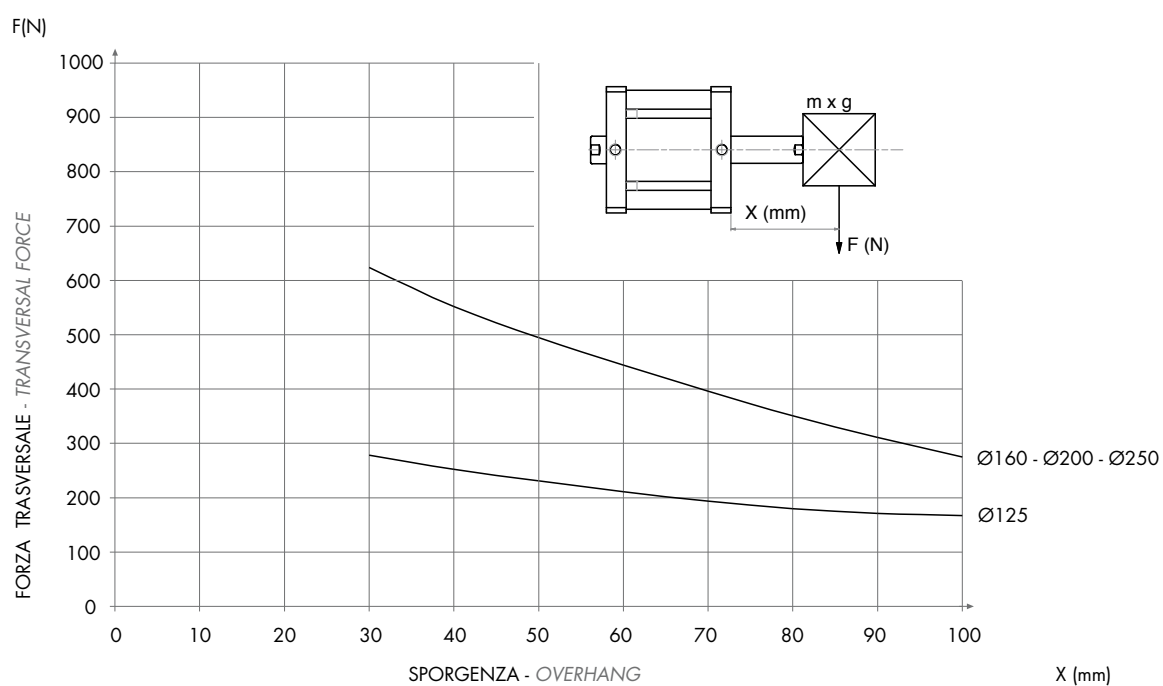


DIAGRAMMA CARICO AMMISSIBILE

KDP

KDMP

APPLICABLE LOAD

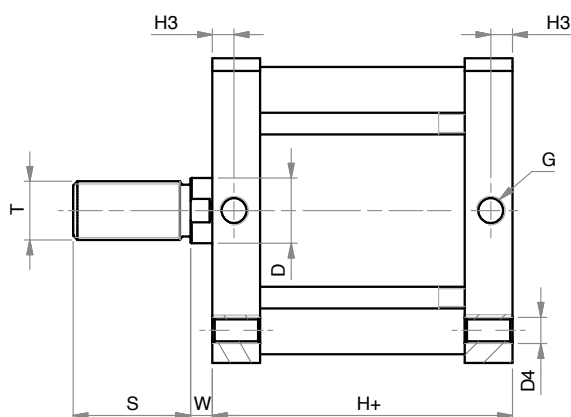
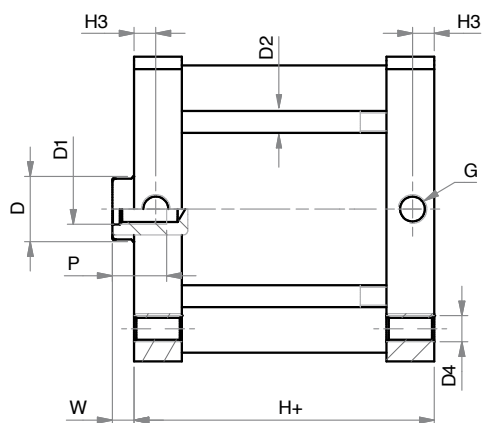
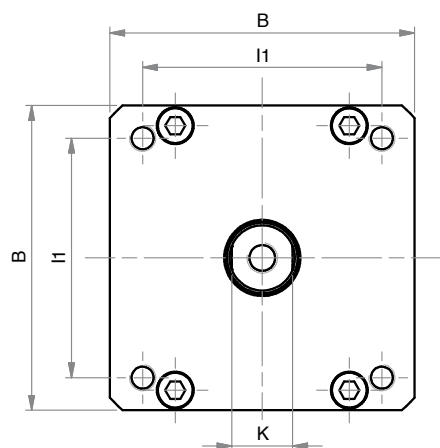
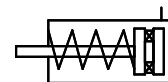
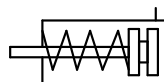


SEMPLICE EFFETTO (MAGNETICO) - MOLLA ANTERIORE

(MAGNETIC) SINGLE ACTING - FRONT SPRING

KS

KSM



DIMENSIONI - DIMENSIONS

Ø	125	160	200
B	140	180	220
ø D	30	40	40
D1	M14	M20	M20
D2	M10	M12	M14
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)

CORSE STANDARD - STANDARD STROKES

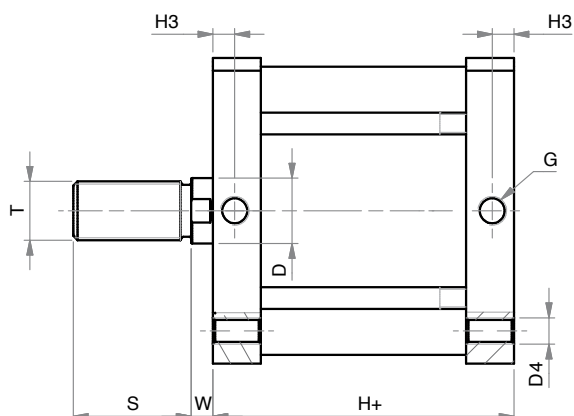
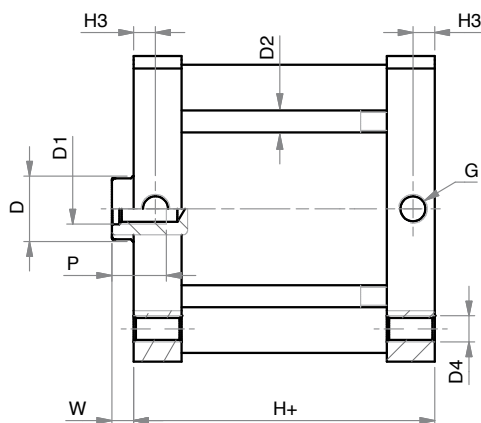
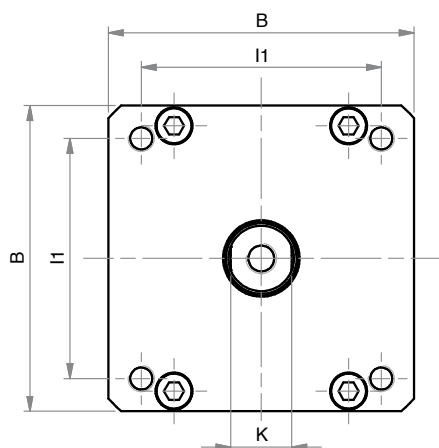
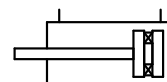
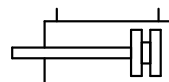
Ø	125	160	200
010	x	x	x
025	x	x	x
050	x	x	x

DOPPIO EFFETTO (MAGNETICO)

(MAGNETIC) DOUBLE ACTING

KD

KDM



DIMENSIONI - DIMENSIONS

Ø	125	160	200	250
B	140	180	220	270
ø D	30	40	40	40
D1	M14	M20	M20	M24
D2	M10	M12	M14	M16
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

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

CORSE STANDARD - STANDARD STROKES

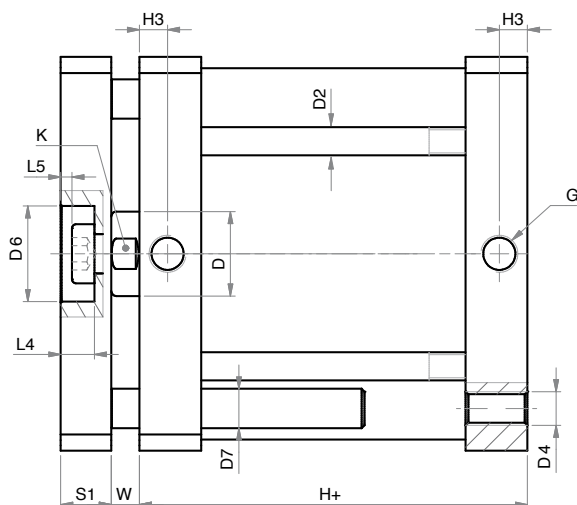
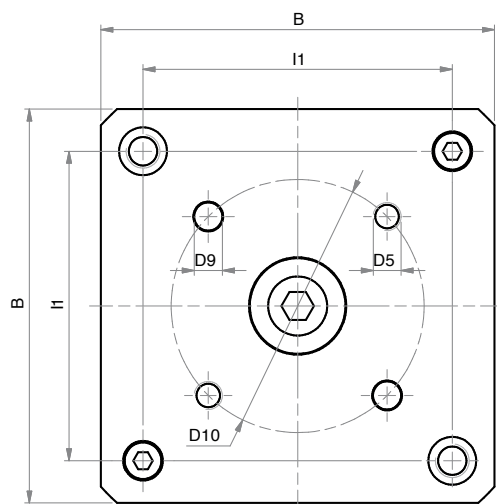
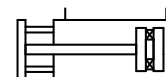
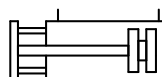
Ø	125	160	200	250
010	x	x	x	x
025	x	x	x	x
050	x	x	x	x
075	x	x	x	x
100	x	x	x	x
125	x	x	x	x
160	x	x	x	x
200	x	x	x	x
250	x	x	x	x
300	x	x	x	x

DOPPIO EFFETTO (MAGNETICO) ANTIROTAZIONE

ANTI-ROTATION (MAGNETIC) DOUBLE ACTING

KDA

KDMA



DIMENSIONI - DIMENSIONS

Ø	125	160	200
B	140	180	220
ø D	30	40	40
D1	M14	M20	M20
D2	M10	M12	M14
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

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

CORSE STANDARD - STANDARD STROKES

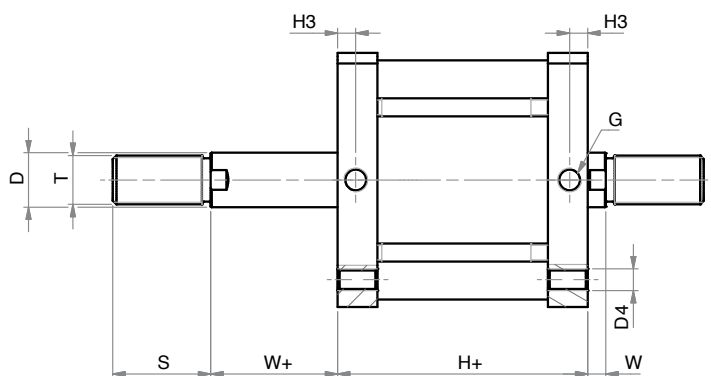
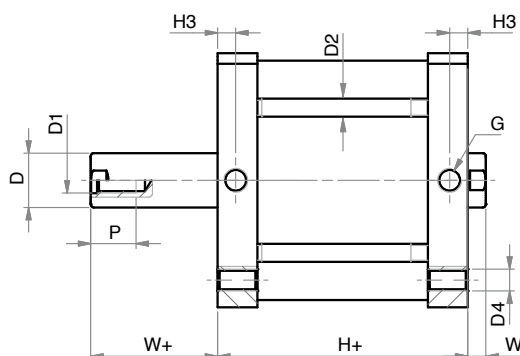
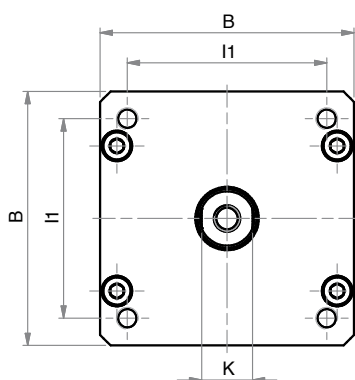
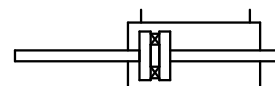
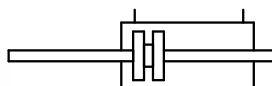
Ø	125	160	200
010	x	x	x
025	x	x	x
050	x	x	x
075	x	x	x
100	x	x	x
125	x	x	x
160	x	x	x
200	x	x	x
250	x	x	x
300	x	x	x

DOPPIO EFFETTO (MAGNETICO) STELO PASSANTE

DOUBLE ROD (MAGNETIC) DOUBLE ACTING

KDP

KDMP



DIMENSIONI - DIMENSIONS

Ø	125	160	200	250
B	140	180	220	270
ø D	30	40	40	40
D1	M14	M20	M20	M24
D2	M10	M12	M14	M16
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

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

CORSE 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

CILINDRI TANDEM - TANDEM CYLINDERS

CHIAVE DI CODIFICA - KEY CODE

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

VERSIONE - VERSION

T2 tandem doppia spinta
double thrust tandem

T3 tandem tripla spinta
3 x force

T4 tandem quadrupla spinta
4 x force

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

ALESAGGIO - BORE (Ø)

125 - 160 - 200 - 250

I° CORSA (mm) I° STROKE (mm)

vedere tabelle corse std
see std stroke tables

II° CORSA (mm) II° STROKE (mm)

vedere tabelle corse std
see std stroke tables

STELO - ROD

F femmina
female

M maschio
male

VERSIONE - VERSION

M magnetico
magnetic

non magnetico
non-magnetic

VERSIONE - VERSION

P tandem più posizioni doppio effetto
multi-position double acting tandem

C tandem contrapposti posteriori doppio effetto
rear opposed double acting tandem

GUARNIZIONI - SEALS

GS guarnizioni standard
standard seals

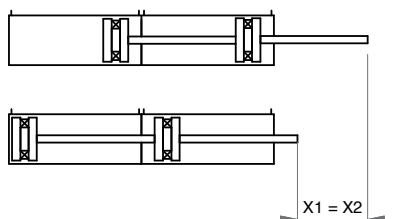
VR guarnizione stelo per alte temperature
high temperature rod seal

VA tutte le guarnizioni per alte temperature
all seals for high temperature

SERIE - SERIES

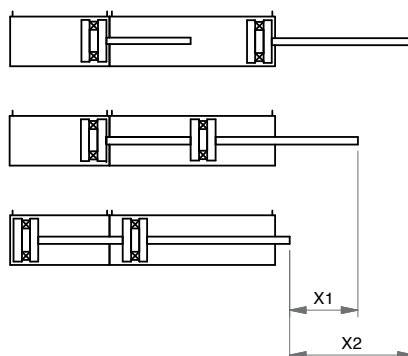
K tubo tondo con tiranti
round tube with tie rods

DOPPIA SPINTA - DOUBLE THRUST



X1 = X2

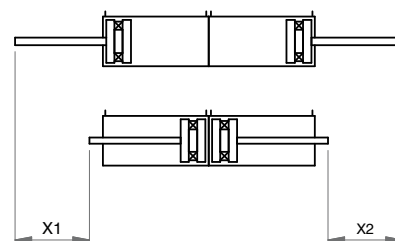
PIÙ POSIZIONI - MULTI-POSITIONS



X1

X2

CONTRAPPOSTI POSTERIORI - REAR OPPOSED

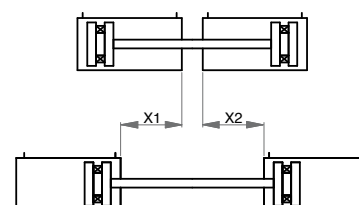


X1

X2

X1 = 1° corsa - 1° stroke
X2 = 2° corsa - 2° stroke

CONTRAPPOSTI ANTERIORI - FRONT OPPOSED



X1

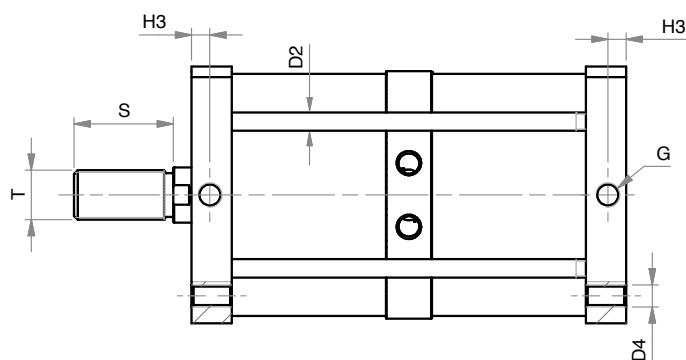
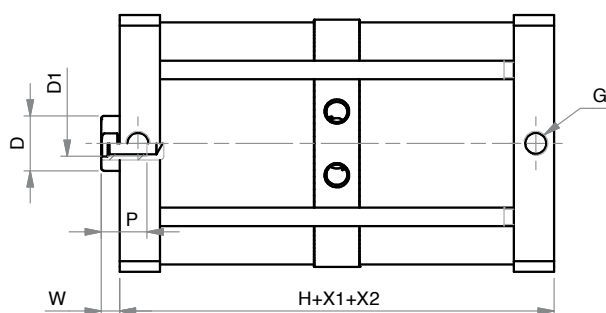
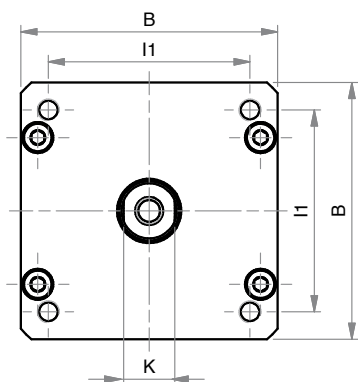
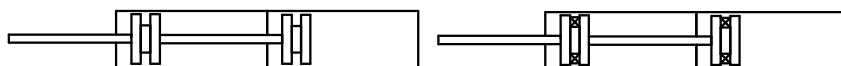
X2

TANDEM DOPPIA SPINTA

DOUBLE THRUST TANDEM

KT

KTM



DIMENSIONI - DIMENSIONS

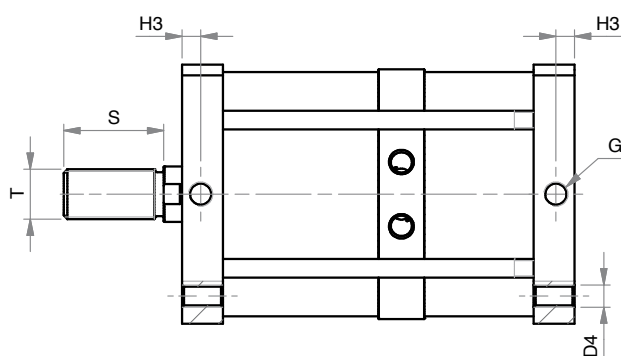
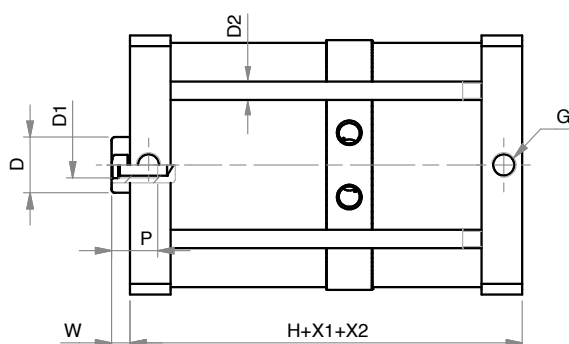
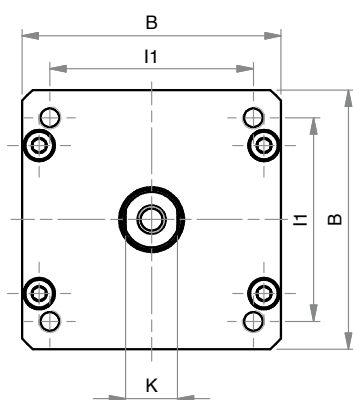
Ø	125	160	200	250
B	140	180	220	
Ø D	30	40	40	
D1	M14	M20	M20	
D2	M10	M12	M14	
D4	M12	M16	M16	
G	G1/4	G3/8	G3/8	
H	137	150	150	
H viton	147	158	186	
H3	10	12	12	
I1	110	140	175	
K	28	36	36	
P	25	30	30	
S	54	72	72	
T	M27x2	M36x2	M36x2	
W	10	12	12	
X1	I° CORSA I° STROKE	I° CORSA I° STROKE	I° CORSA I° STROKE	
X2	II° CORSA II° STROKE	II° CORSA II° STROKE	II° CORSA II° STROKE	

TANDEM PIÙ POSIZIONI

MULTI-POSITION TANDEM

KP

KPM



DIMENSIONI - DIMENSIONS

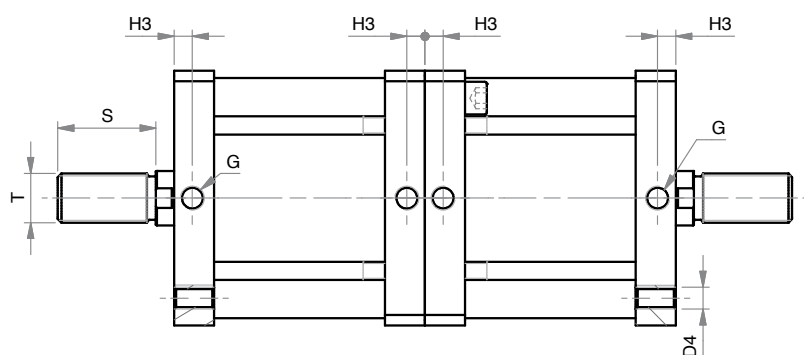
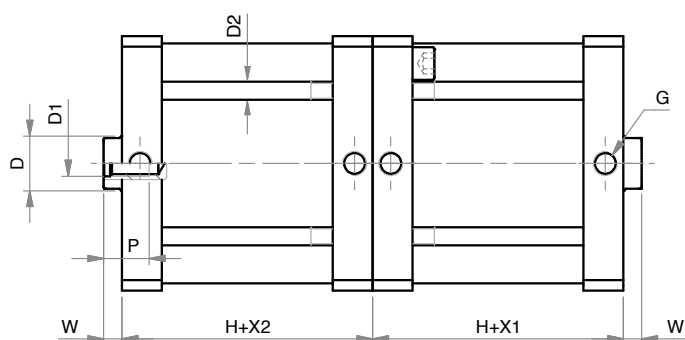
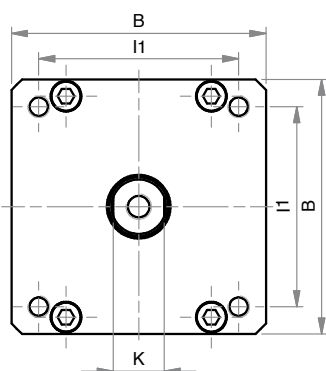
Ø	125	160	200	250
B	140	180	220	
ø D	30	40	40	
D1	M14	M20	M20	
D2	M10	M12	M14	
D4	M12	M16	M16	
G	G1/4	G3/8	G3/8	
H	137	150	150	
H viton	147	158	186	
H3	10	12	12	
I1	110	140	175	
K	28	36	36	
P	25	30	30	
S	54	72	72	
T	M27x2	M36x2	M36x2	
W	10	12	12	
X1	I° CORSA I° STROKE	I° CORSA I° STROKE	I° CORSA I° STROKE	
X2	II° CORSA II° STROKE	II° CORSA II° STROKE	II° CORSA II° STROKE	

TANDEM CONTRAPPOSTI POSTERIORI

REAR OPPOSED TANDEM

KC

KCM



DIMENSIONI - DIMENSIONS

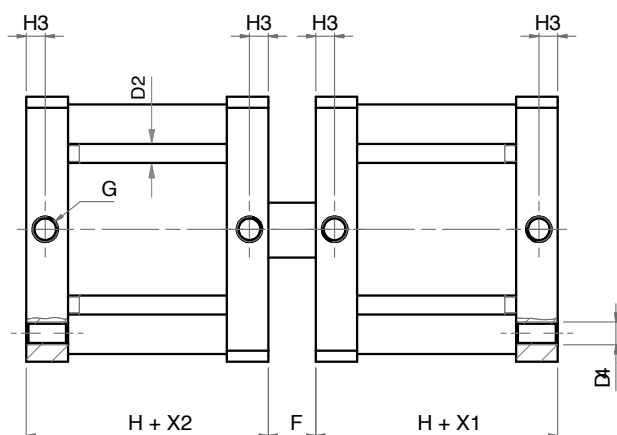
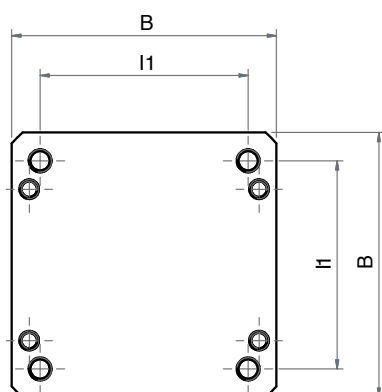
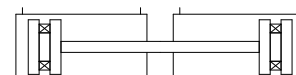
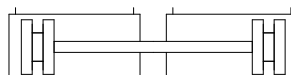
Ø	125	160	200	250
B	140	180	220	
Ø D	30	40	40	
D1	M14	M20	M20	
D2	M10	M20	M14	
D4	M12	M16	M16	
G	G1/4	G3/8	G3/8	
H	78	87	87	
H viton	83	91	105	
H3	10	12	12	
I1	110	140	175	
K	28	36	36	
P	25	30	30	
S	54	72	72	
T	M27x2	M36x2	M36x2	
W	10	12	12	
X1	I° CORSA I° STROKE	I° CORSA I° STROKE	I° CORSA I° STROKE	
X2	II° CORSA II° STROKE	II° CORSA II° STROKE	II° CORSA II° STROKE	

TANDEM CONTRAPPOSTI ANTERIORI

FRONT OPPOSED TANDEM

KF

KFM



DIMENSIONI - DIMENSIONS

Ø	125	160	200	250
B	140	180	220	
ø D	30	40	40	
D2	M10	M12	M14	
D4	M12	M16	M16	
G	G1/4	G3/8	G3/8	
H	137	150	150	
H viton	83	91	105	
H3	10	12	12	
I1	110	140	175	
X1	I° CORSA I° STROKE	I° CORSA I° STROKE	I° CORSA I° STROKE	
X2	II° CORSA II° STROKE	II° CORSA II° STROKE	II° CORSA II° STROKE	