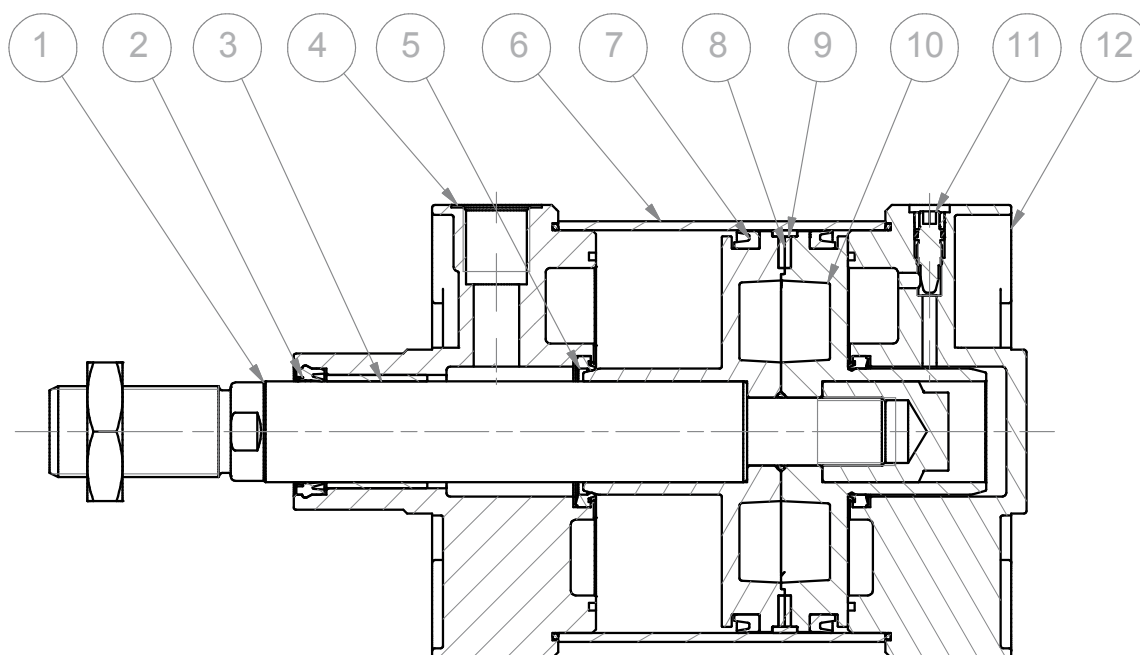


CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS

Pressione di esercizio <i>Working pressure</i>	1 ÷ 10 bar (doppio effetto - <i>double 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	doppio effetto - stelo passante - tandem <i>double acting - double rod - tandem</i>
Alesaggi - Bores	Ø 160 - 200 - 250 - 320
Corse - Strokes	vedere tabelle corse standard - <i>see standard stroke tables</i>
Fluido - Fluid	aria compressa, filtrata, non lubrificata - <i>compressed air, filtered, no lubrication</i>

CARATTERISTICHE COSTRUTTIVE - CONSTRUCTIVE CHARACTERISTICS

①	Stelo - Piston rod	acciaio C45 cromato - <i>C45 Chromed steel</i>
② ⑤ ⑦	Guarnizioni - Seals	poliuretano - NBR - <i>polyurethane - NBR</i>
③	Boccola - Bush	Ø 160 - 200 bronzo sinterizzato - <i>sintered bronze</i> Ø 250 - 320 acciaio+PTFE - <i>steel+PTFE</i>
④ ⑫	Testate - Covers	alluminio pressofuso verniciato - <i>painted die cast aluminium</i>
⑥	Tubo - Tube	alluminio anodizzato - <i>anodized aluminium</i>
⑧	Magnete - Magnet	plastroferrite - <i>rubber magnet</i>
⑨	Pattino di guida - Guide ring	PBT + PTFE
⑩	Pistone - Piston	alluminio pressofuso - <i>die cast aluminium</i>
⑪	Ammortizzo - Cushioning	pneumatico - <i>pneumatic</i>
	Tiranti - Tie rod	acciaio inox AISI 303 - <i>AISI 303 stainless steel</i>



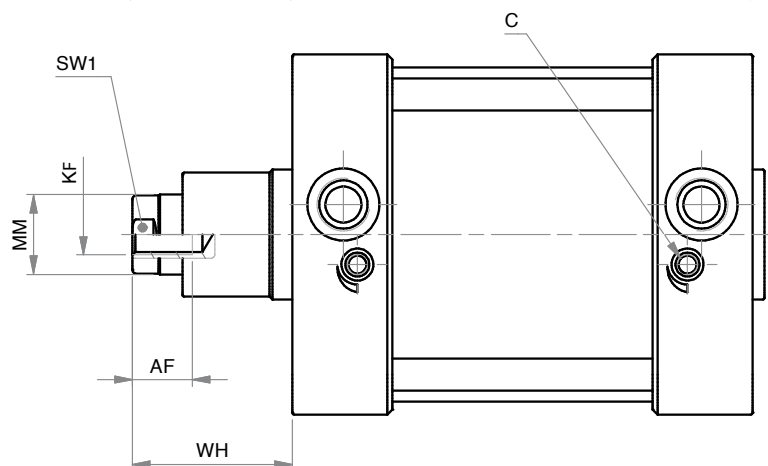
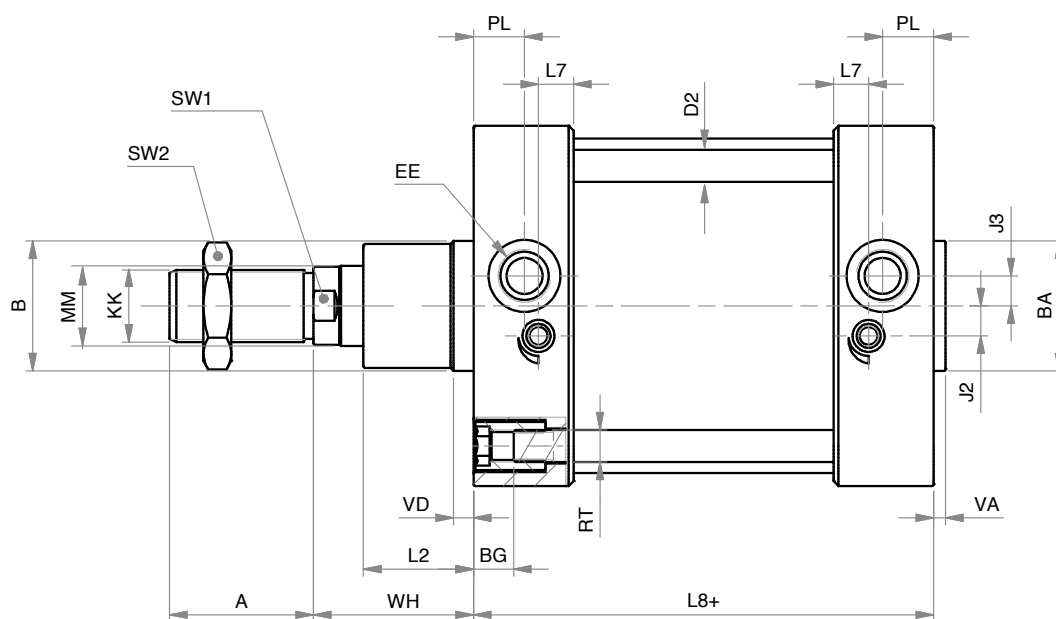
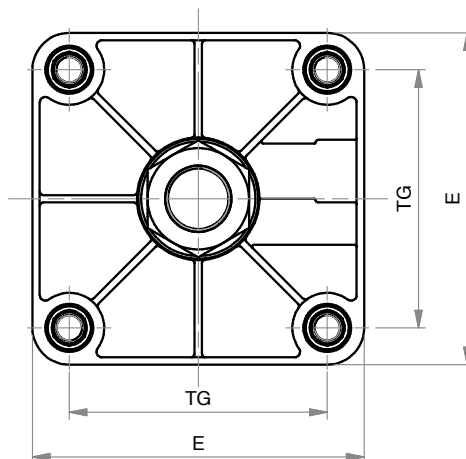
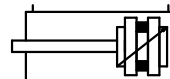
CHIAVE DI CODIFICA

KEY CODE

U D M 1 6 0 . 5 0 0 . G S . M									
				ALESAGGIO - BORE (Ø)	CORSA - STROKE (mm)				
				160-200-250-320	050-080-100-125-160				
					200-250-320-400-500				
					600-700-800-900-1000				
				VERSIONE - VERSION					
				P stelo passante double rod					
				VERSIONE - VERSION					
				M magnetico magnetic					
				non magnetico non-magnetic					
				VERSIONE - VERSION	GUARNIZIONI - SEALS				
				D doppio effetto double acting	guarnizioni standard standard seals	GS			
					guarnizione stelo per alte temperature high temperature rod seal	VR			
					tutte le guarnizioni per alte temperature all seals for high temperature	VA			

DOPPIO EFFETTO MAGNETICO

MAGNETIC DOUBLE ACTING



C = VITE REGOLAZIONE AMMORTIZZO - C = CUSHIONING ADJUSTMENT SCREW

DIMENSIONI - DIMENSIONS

Ø	160	200	250	320
A	72	72	84	96
AF	30	30	40	50
ø B	65	75	90	110
ø BA	65	75	90	110
BG	24	24	25	28
ø D2	16	16	20	25
E	180	220	270	350
EE	G3/4"	G3/4"	G1"	G1"
J2	15	15	25	35
J3	15	15	25	35
KF	M20	M20	M24	M30
KK	M36x2	M36x2	M42x2	M48x2
L2	55	65	75	90
L7	17,5	16	20	20
L8+	180	180	200	220
ø MM	40	40	50	63
PL	25,5	25,5	30	30
RT	M16	M16	M20	M24
SW 1	36	36	46	55
SW 2	55	55	65	75
TG	140	175	220	270
VA	6	8	8	10
VD	10	25	25	25
WH	80	95	105	120
*	45	45	45	45

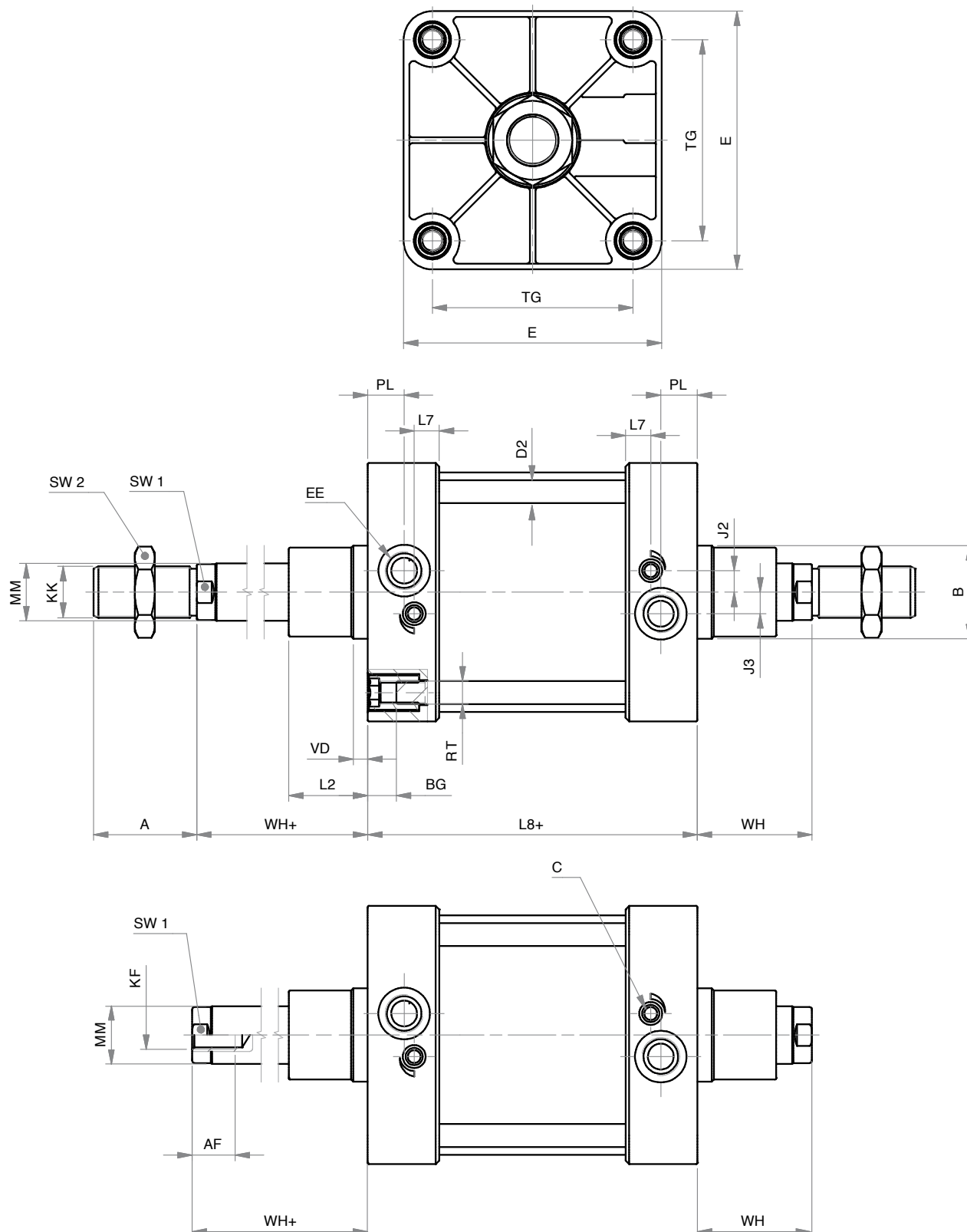
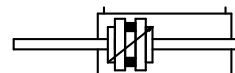
+ = lunghezza corsa - *stroke length* * = lunghezza ammortizzo - *cushioning length*

CORSE STANDARD - STANDARD STROKES

Ø	160	200	250	320
025	x	x	x	x
050	x	x	x	x
080	x	x	x	x
100	x	x	x	x
125	x	x	x	x
150	x	x	x	x
160	x	x	x	x
200	x	x	x	x
250	x	x	x	x
300	x	x	x	x
320	x	x	x	x
400	x	x	x	x
450	x	x	x	x
500	x	x	x	x
550	x	x	x	x
600	x	x	x	x
650	x	x	x	x
700	x	x	x	x
750	x	x	x	x
800	x	x	x	x
850	x	x	x	x
900	x	x	x	x
950	x	x	x	x
1000	x	x	x	x

DOPPIO EFFETTO MAGNETICO STELO PASSANTE

DOUBLE ROD MAGNETIC DOUBLE ACTING



C = VITE REGOLAZIONE AMMORTIZZO C = CUSHIONING ADJUSTMENT SCREW

DIMENSIONI - DIMENSIONS

Ø	160	200	250	320
A	72	72	84	96
AF	30	30	40	50
ø B	65	75	90	110
BG	24	24	25	28
ø D2	16	16	20	25
E	180	220	270	350
EE	G3/4"	G3/4"	G1"	G1"
J2	15	15	25	35
J3	15	15	25	35
KF	M20	M20	M24	M30
KK	M36x2	M36x2	M42x2	M48x2
L2	55	65	75	90
L7	17,5	16	20	20
L8+	180	180	200	220
ø MM	40	40	50	63
PL	25,5	25,5	30	30
RT	M16	M16	M20	M24
SW 1	36	36	46	55
SW 2	55	55	65	75
TG	140	175	220	270
VD	10	25	25	25
WH	80	95	105	120
WH+	80	95	105	120
*	45	45	45	45

+ = lunghezza corsa - *stroke length* * = lunghezza ammortizzo - *cushioning length*

CORSE STANDARD - STANDARD STROKES

Ø	160	200	250	320
025	x	x	x	x
050	x	x	x	x
080	x	x	x	x
100	x	x	x	x
125	x	x	x	x
150	x	x	x	x
160	x	x	x	x
200	x	x	x	x
250	x	x	x	x
300	x	x	x	x
320	x	x	x	x
400	x	x	x	x
450	x	x	x	x
500	x	x	x	x
550	x	x	x	x
600	x	x	x	x
650	x	x	x	x
700	x	x	x	x
750	x	x	x	x
800	x	x	x	x
850	x	x	x	x
900	x	x	x	x
950	x	x	x	x
1000	x	x	x	x

CILINDRI TANDEM - TANDEM CYLINDERS

CHIAVE DI CODIFICA - KEY CODE

U T 2 M 2 0 0 . 1 0 0 . G S . M

VERSIONE - VERSION

T2	tandem doppia spinta <i>double thrust tandem</i>
T3	tandem tripla spinta <i>3 x force</i>
T4	tandem quadrupla spinta <i>4 x force</i>

U C M 1 6 0 . 0 5 0 . 1 0 0 . G S M

ALESAGGIO BORE (Ø)

160-200-250-320

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

VERSIONE - VERSION

M	magnetico - <i>magnetic</i> non magnetico - <i>non-magnetic</i>
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VERSIONE - VERSION

P	tandem più posizioni <i>multi-position tandem</i>
C	tandem contrapposti posteriori <i>rear opposed tandem</i>
F	tandem contrapposti anteriori <i>front opposed tandem</i>

GUARNIZIONI - SEALS

guarnizioni standard <i>standard seals</i>	GS
guarnizione stelo per alte temperature <i>high temperature rod seal</i>	VR
tutte le guarnizioni per alte temperature <i>all seals for high temperature</i>	VA

Ø160-200

OPZIONE - OPTION

Ø160-200 X4	stelo in acciaio inox AISI 304 <i>piston rod in stainless steel AISI 304</i>
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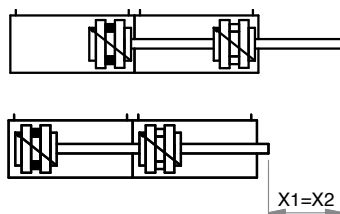
STELO - ROD

F	femmina <i>female</i>
M	maschio <i>male</i>

SERIE - SERIES

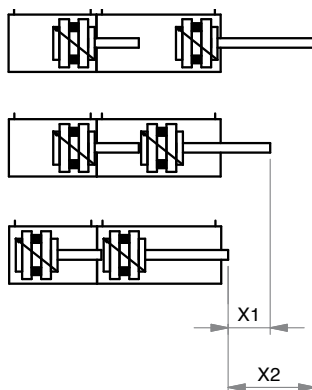
U	tubo tondo con tiranti <i>round tube with tie rods</i>
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DOPPIA SPINTA - DOUBLE THRUST

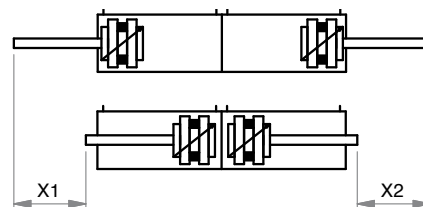


X1 = 1° corsa - 1° stroke
X2 = 2° corsa - 2° stroke

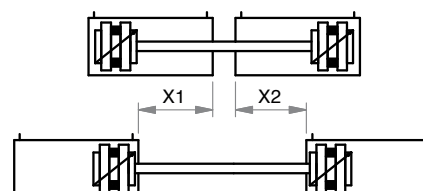
PIÙ POSIZIONI - MULTI-POSITIONS



CONTRAPPOSTI POSTERIORI - REAR OPPOSED

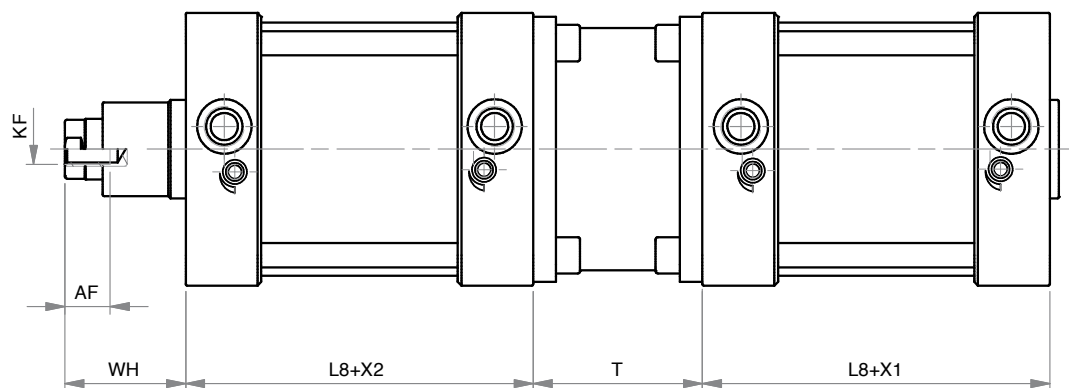
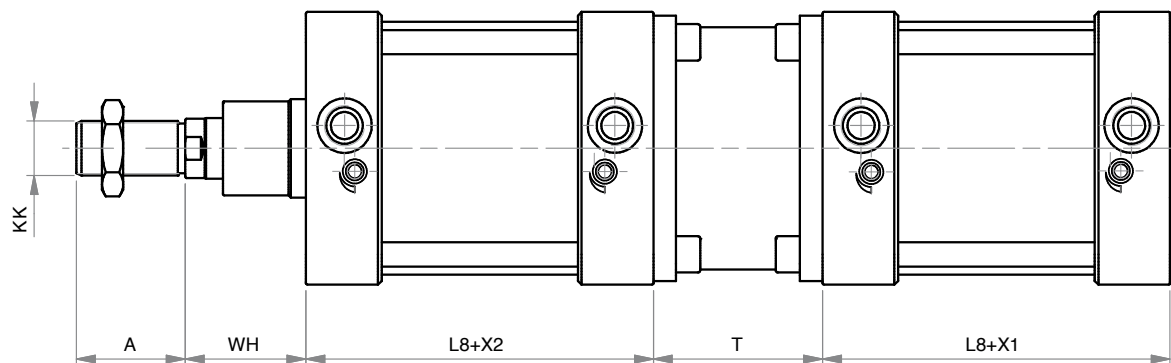
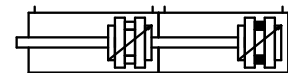


CONTRAPPOSTI ANTERIORI - FRONT OPPOSED



TANDEM DOPPIA SPINTA

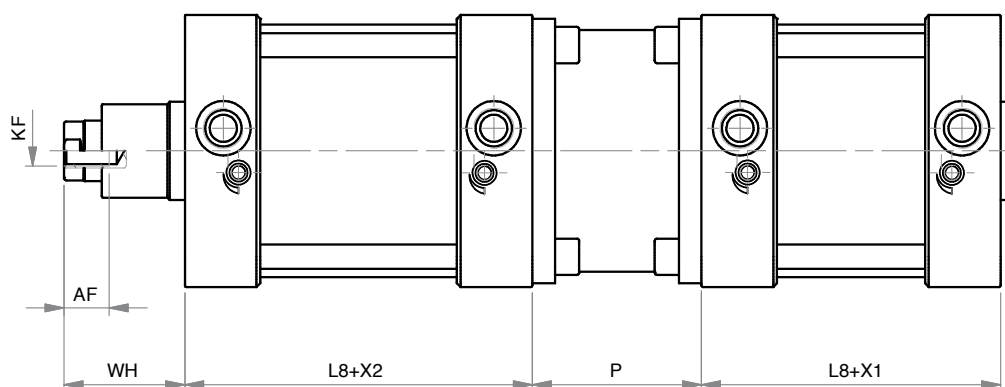
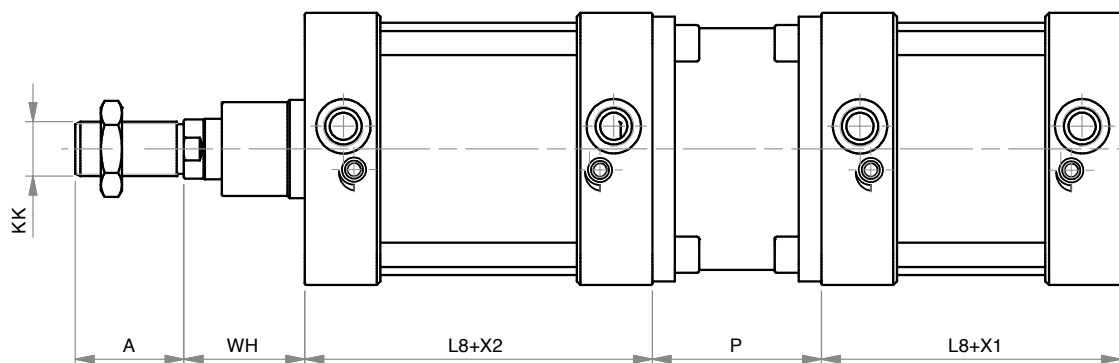
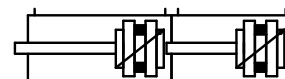
DOUBLE THRUST TANDEM



DIMENSIONI - DIMENSIONS

Ø	160	200	250	320
A	72	72	84	96
AF	30	30	40	50
T	122	132	152	182
KF	M20	M20	M24	M28
KK	M36x2	M36x2	M42x2	M48x2
L8	180	180	200	220
X1	I° CORSA - I° STROKE			
X2	II° CORSA - II° STROKE			
WH	80	95	105	120
*	45	45	45	45

* = lunghezza ammortizzo - cushioning length

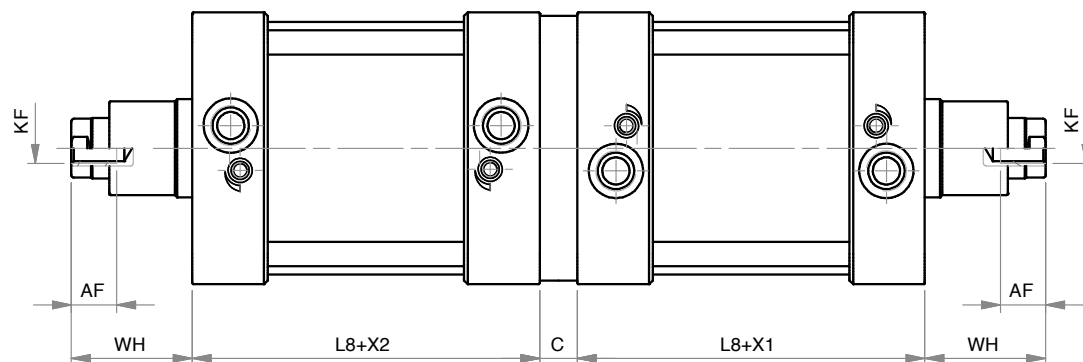
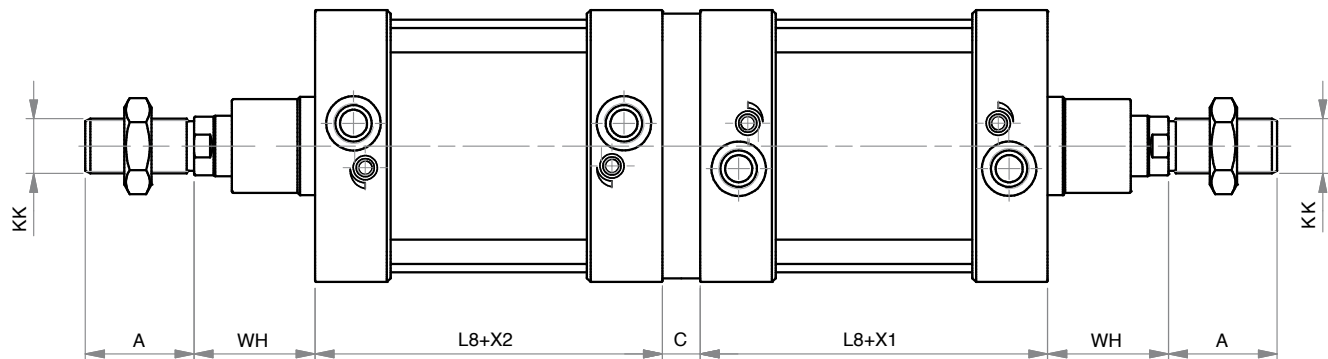
TANDEM PIÙ POSIZIONI
MULTI-POSITION TANDEM

DIMENSIONI - DIMENSIONS

Ø	160	200	250	320
A	72	72	84	96
AF	30	30	40	50
P	122	132	152	182
KF	M20	M20	M24	M30
KK	M36x2	M36x2	M42x2	M48x2
L8	180	180	200	220
X1	I° CORSA - I° STROKE			
X2	II° CORSA - II° STROKE			
WH	80	95	105	120
*	45	45	45	45

* = lunghezza ammortizzo - cushioning length

TANDEM CONTRAPPOSTI POSTERIORI

REAR OPPOSED TANDEM



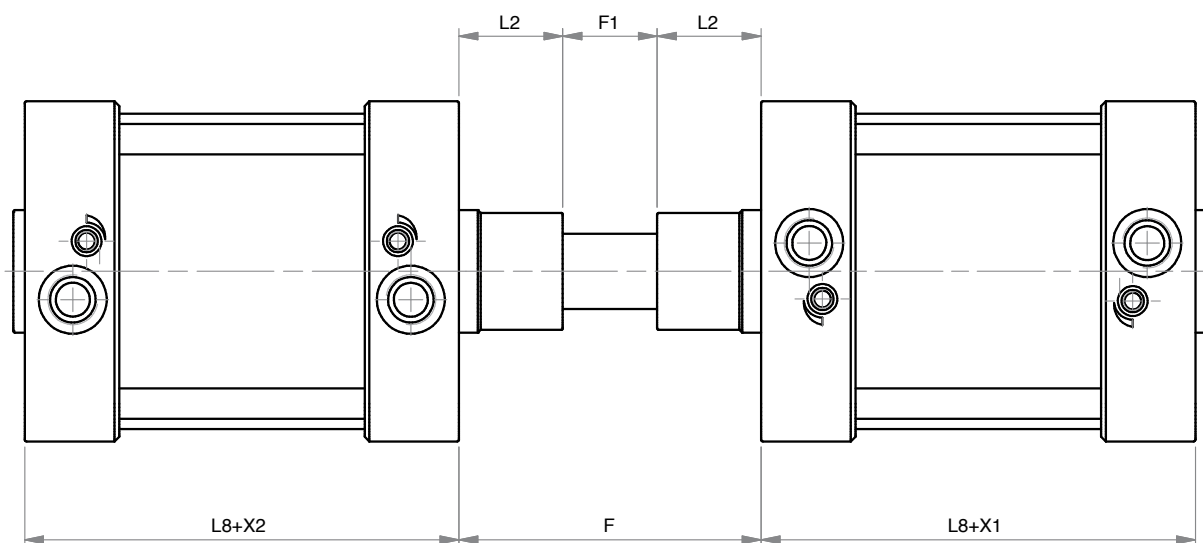
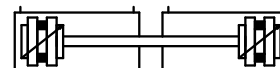
DIMENSIONI - DIMENSIONS

Ø	160	200	250	320
A	72	72	84	96
AF	30	30	40	50
C	25	25	30	40
KF	M20	M20	M24	M30
KK	M36x2	M36x2	M42x2	M48x2
L8	180	180	200	220
X1	I° CORSA - I° STROKE			
X2	II° CORSA - II° STROKE			
WH	80	95	105	120
*	45	45	45	45

* = lunghezza ammortizzo - cushioning length

TANDEM CONTRAPPOSTI ANTERIORI

FRONT OPPOSED TANDEM



DIMENSIONI - DIMENSIONS

Ø	160	200	250	320
F	152	167	180	200
F1	42	37	30	20
L2	55	65	75	90
L8	180	180	200	220
X1	I°CORSA - I° STROKE			
X2	II°CORSA - II° STROKE			
*	45	45	45	45

* = lunghezza ammortizzo - cushioning length