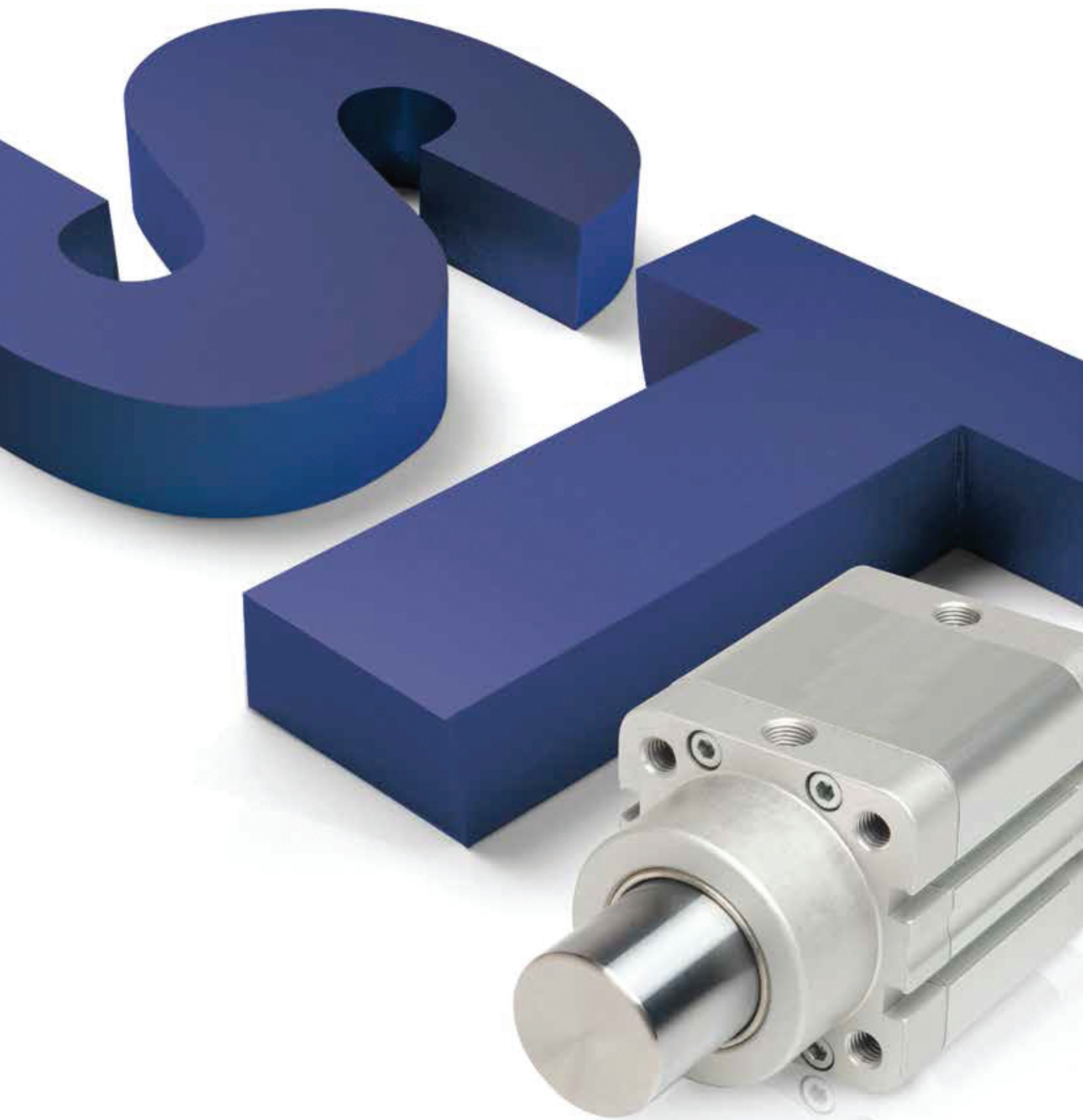




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STOPPER CYLINDERS

airtec.nl

CARATTERISTICHE TECNICHE - TECHNICAL CHARACTERISTICS

Pressione di esercizio Working pressure

2 ÷ 10 bar (semplice effetto - single acting)

Temperatura di esercizio Working temperature

0 ÷ +80 °C (-20 °C con aria secca - with dry air)

Versioni - Versions

semplice effetto molla posteriore - single acting rear spring
doppio effetto molla posteriore - double acting rear spring
doppio effetto - double acting

Alesaggi - Bores

Ø 20 - 32 - 50 - 80

Corse - Strokes

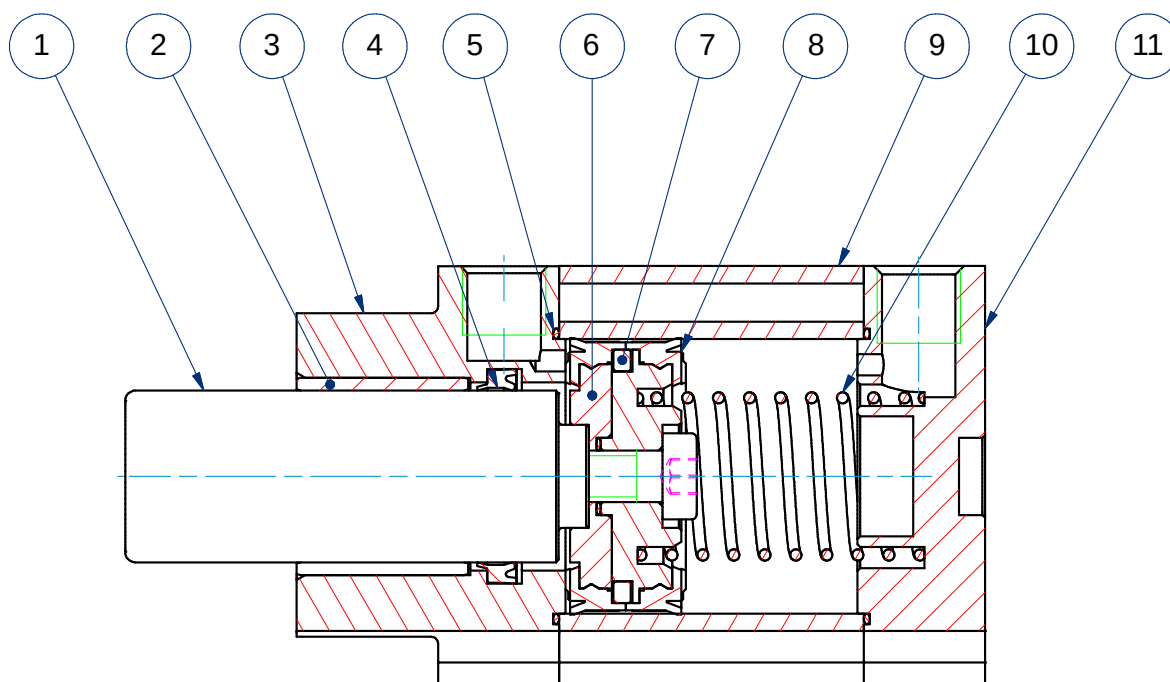
15 - 20 - 30

Fluidi - Fluid

aria compressa filtrata, non lubrificata - compressed filtered, non lubricated air

CARATTERISTICHE COSTRUTTIVE - CONSTRUCTIVE CHARACTERISTICS

①	Stelo - Rod	acciaio inox cromato - chromed stainless steel
②	Boccola - Bush	acciaio+PTFE - steel+PTFE
③ ⑪	Testate - Covers	alluminio anodizzato - anodized aluminium
④ ⑧	Guarnizioni - Seals	poliuretano - polyurethane
⑤	O-ring	NBR
⑥	Pistone - Piston	alluminio - aluminium
⑦	Magnete - Magnet	plastroferrite - rubber magnet
⑨	Tubo - Tube	alluminio anodizzato - anodized aluminium
⑩	Molla - Spring	acciaio - steel
	Viti - Screws	acciaio zincato - zinc coated steel
	Paracolpo - Bumper	poliuretano - polyurethane



KEY CODE

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Stelo prolungato (WH) - Extended rod (WH)

Filetti speciali (dato stelo non fornito) - *Special thread (without rod nut)*

ATEX II 2GD c T4

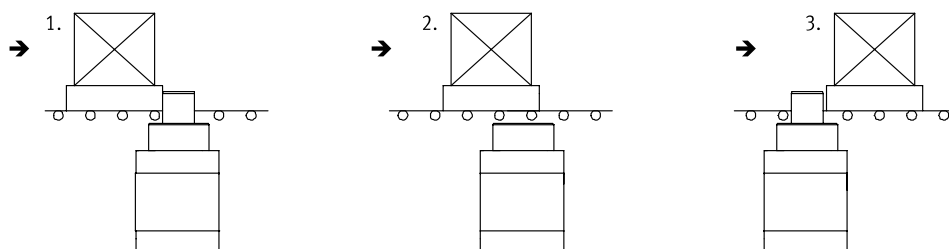
THEORETICAL FORCES OF TRACTION (P=6bar)

			Ø	020	032	050	080
AST	PST	SPINTA - THRUST	[N]	188	482	1178	3014
		TRAZIONE - TRACTION	[N]	120	294	695	1837

SCHEMA DI FUNZIONAMENTO

DIAGRAM OF OPERATION

STELO LISCIO - SMOOTH ROD



STELO CON RULLINO - ROD WITH ROLLER

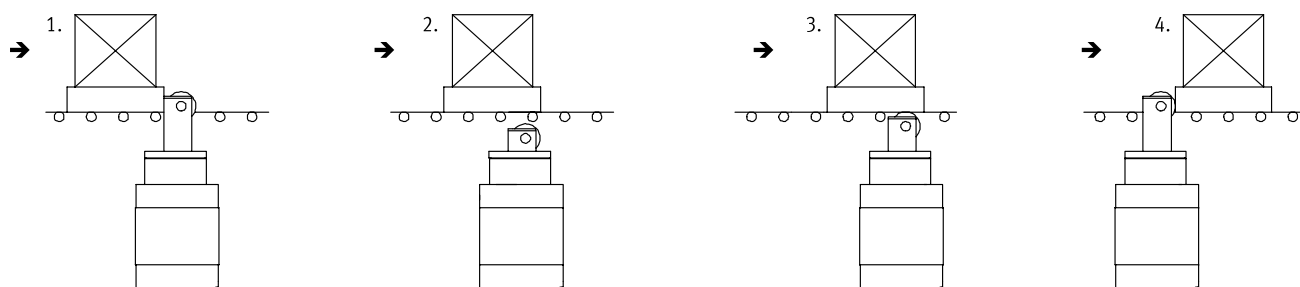
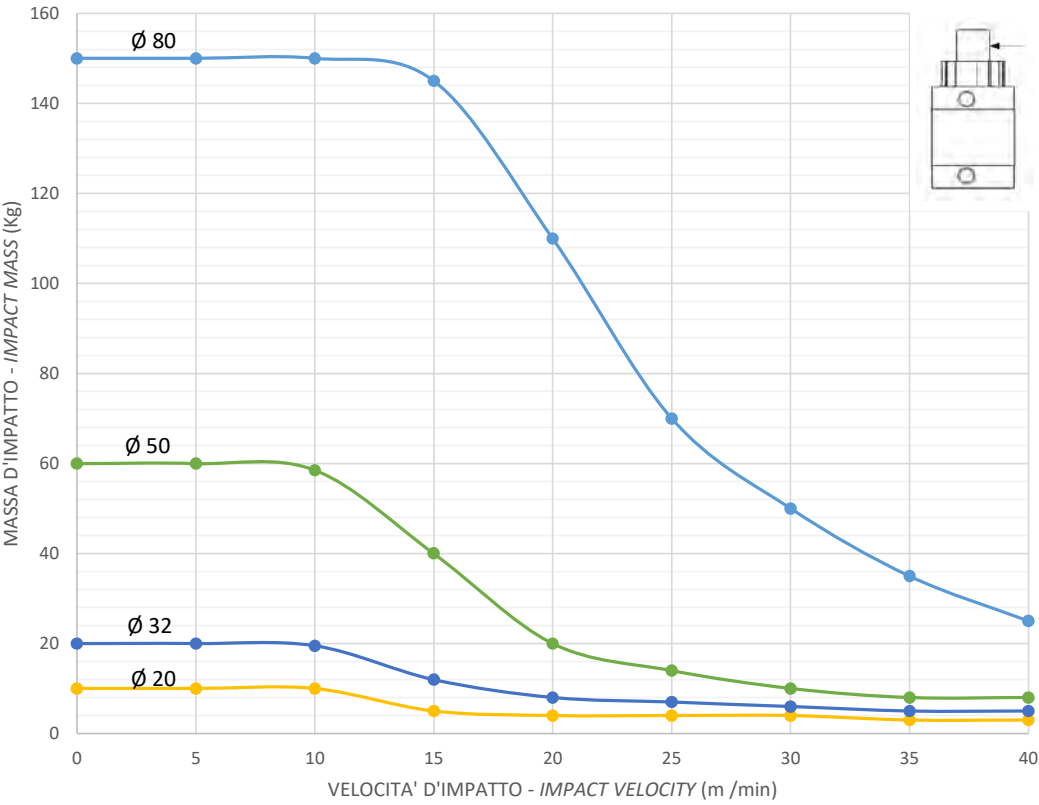


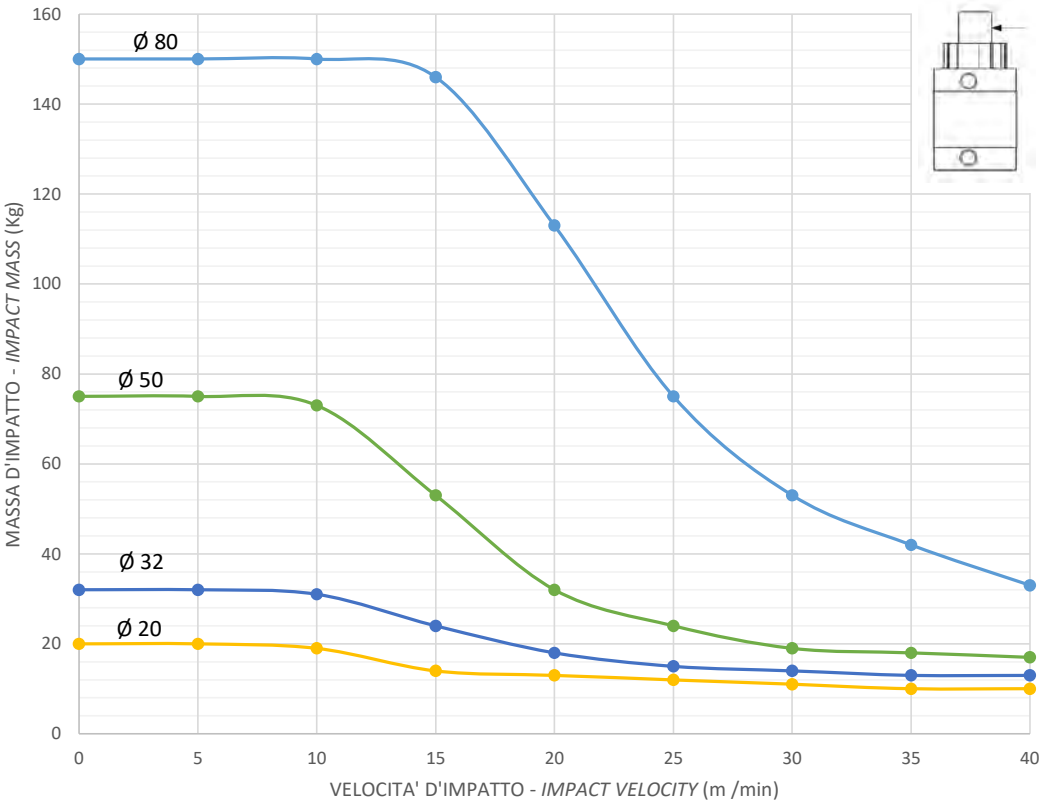
DIAGRAMMA CARICO AMMISSIBILE

ALLOWABLE LOAD

STELO LISCIO - SMOOTH ROD



STELO CON RULLINO - ROD WITH ROLLER



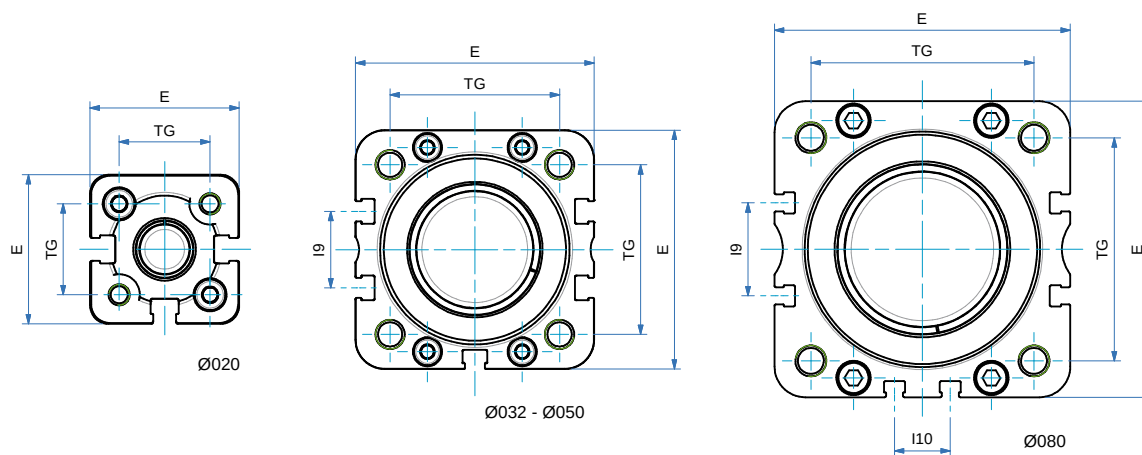
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CILINDRO STOPPER

PST-

STOPPER CYLINDER

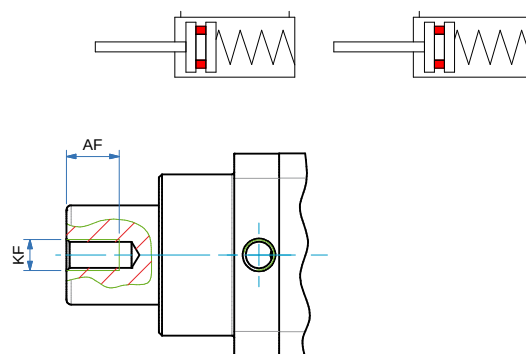
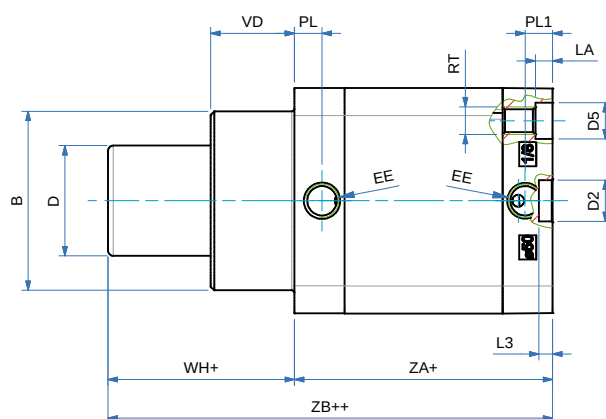


SEMPLICE EFFETTO MOLLA POSTERIORE

PST

PSTD

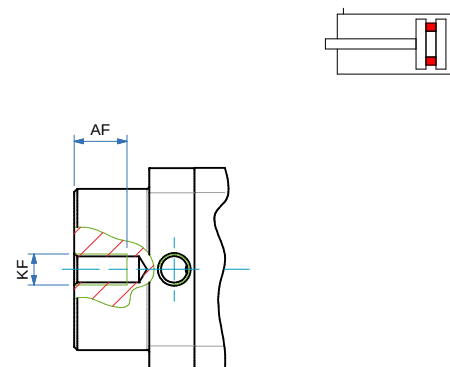
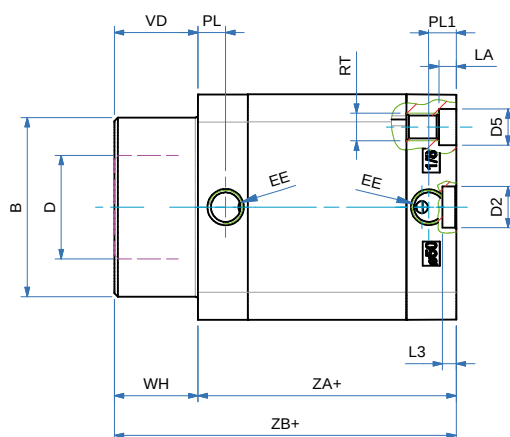
SINGLE ACTING REAR SPRING



DOPPIO EFFETTO SENZA MOLLA

PSTD1

DOUBLE ACTING WITHOUT SPRING



STOPPER CYLINDERS

DIMENSIONI - DIMENSIONS				
Ø	020	032	050	080
AF	15	15	17	20
Ø B	26	38	52	76
Ø D	12	20	32	50
Ø D2	9	9	12	12
Ø D5	7,5	9	10,5	13,5
E	36	49	65,5	95,5
EE	M5	G1/8"	G1/8"	G1/8"
I9	-	10,8	21	30
I10	-	-	-	18
KF	M6	M8	M10	M12
LA	4,5	5	5	3
L3	3	3	4	4
PL	9	8	8	8
PL1	7,5	8	8	8
RT	M5	M6	M8	M10
TG	22	32,5	46,5	72
VD	11,5	16,5	24,5	15
WH	11,5	16,5	24,5	15
WH+	11,5	16,5	24,5	15
ZA+	38	44	45	96
ZB+	49,5	60,5	69,5	111
ZB++	49,5	60,5	69,5	111

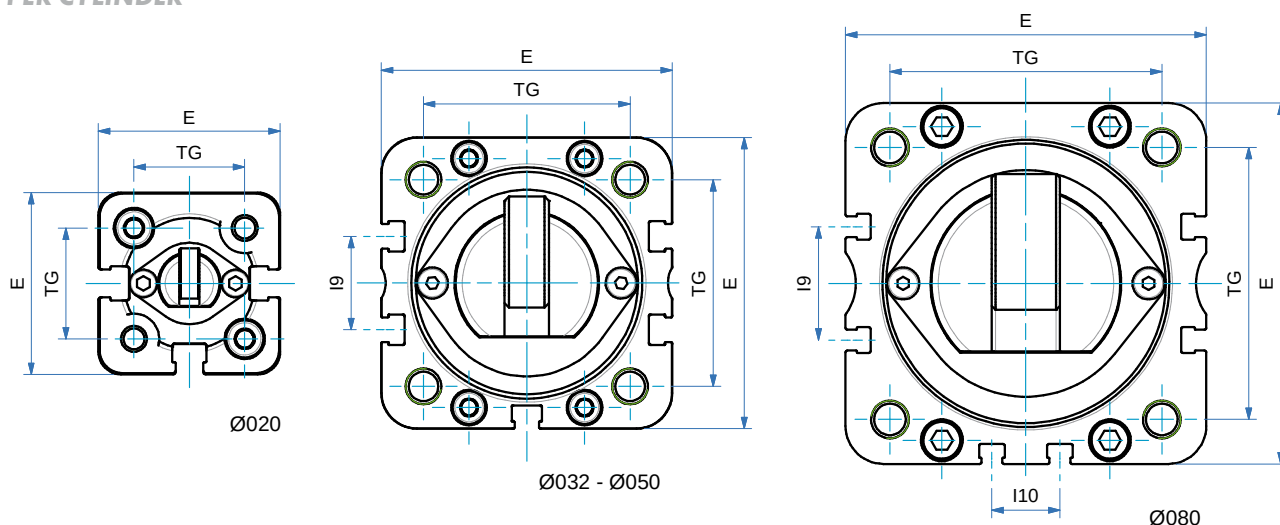
Ø	CORSE STANDARD - STANDARD STROKES
020	15
032	20
050	30
080	30



CILINDRO STOPPER

PST-R

STOPPER CYLINDER

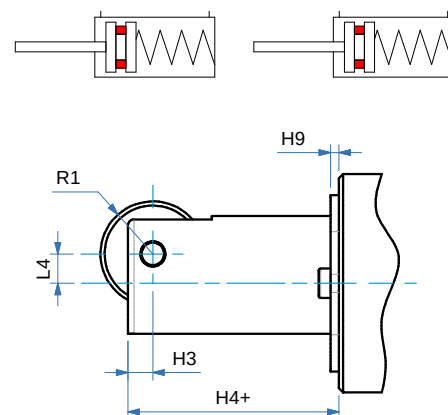
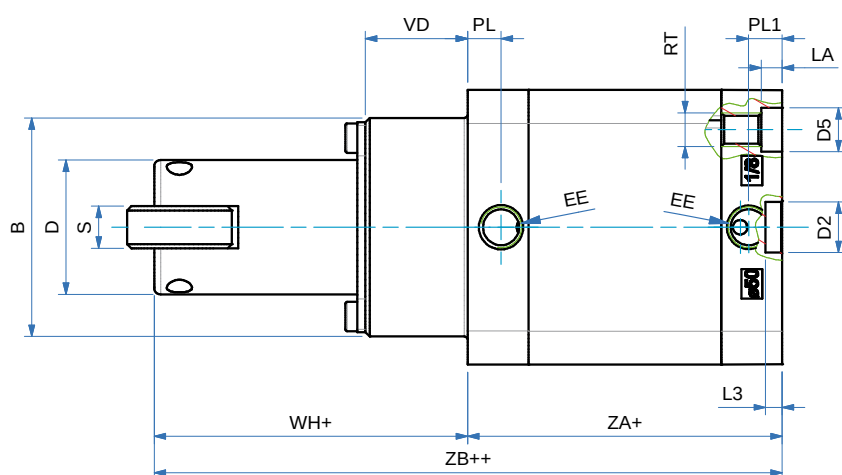


SEMPLICE EFFETTO MOLLA POSTERIORE CON RULLINO

PST-R

PSTD-R

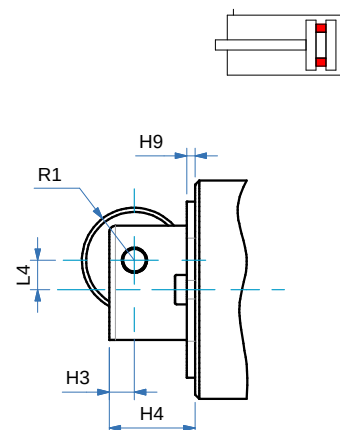
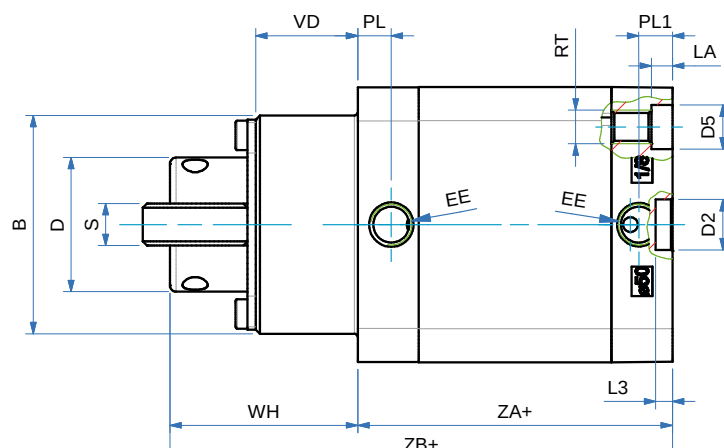
SINGLE ACTING REAR SPRING WITH ROLLER



DOPPIO EFFETTO SENZA MOLLA CON RULLINO

PSTD1-R

DOUBLE ACTING WITHOUT SPRING WITH ROLLER



STOPPER CYLINDERS

DIMENSIONI - DIMENSIONS				
Ø	020	032	050	080
Ø B	26	38	52	76
Ø D	12	20	32	50
Ø D2	9	9	12	12
Ø D5	7,5	9	10,5	13,5
E	36	49	65,5	95,5
EE	M5	G1/8"	G1/8"	G1/8"
H3	3	6	6	10
H4	9	18	20,5	33
H4+	9	18	20,5	33
H9	2	2	2	3
I10	-	-	-	18
I9	-	10,8	21	30
L3	3	3	4	4
L4	2	3,5	7	11
LA	4,5	5	5	3
PL	9	8	8	8
PL1	7,5	8	8	8
R1	5	9	12,5	18
RT	M5	M6	M8	M10
S	4	8	10	18
TG	22	32,5	46,5	72
VD	11,5	16,5	24,5	15
WH	20,5	34,5	45	48
WH+	20,5	34,5	45	48
ZA+	38	44	45	96
ZB+	58,5	78,5	90	144
ZB++	58,5	78,5	90	144

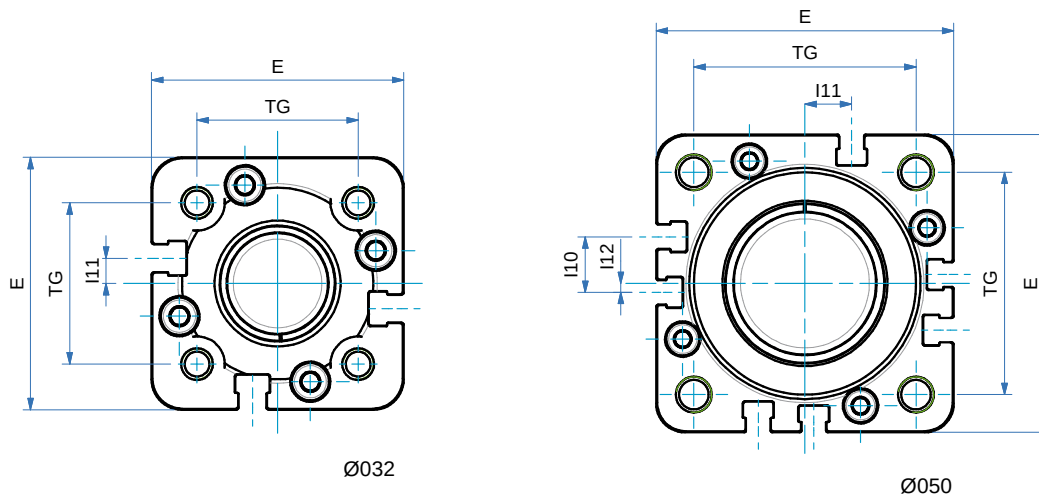
Ø	CORSE STANDARD - STANDARD STROKES
020	15
032	20
050	30
080	30



CILINDRO STOPPER

AST-

STOPPER CYLINDER

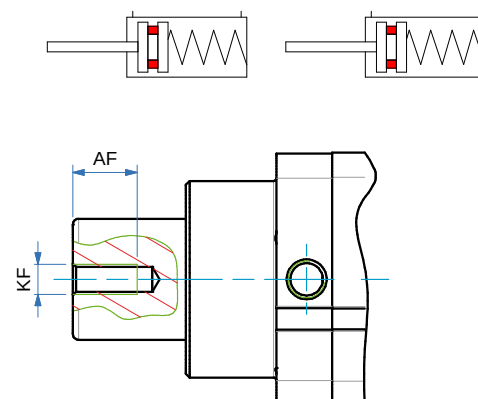
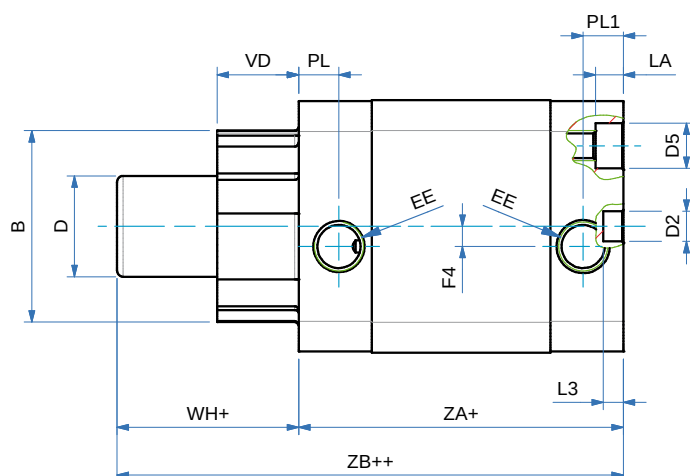


SEMPLICE EFFETTO MOLLA POSTERIORE

AST

ASTD

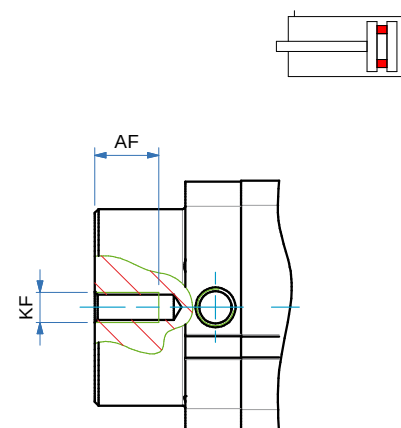
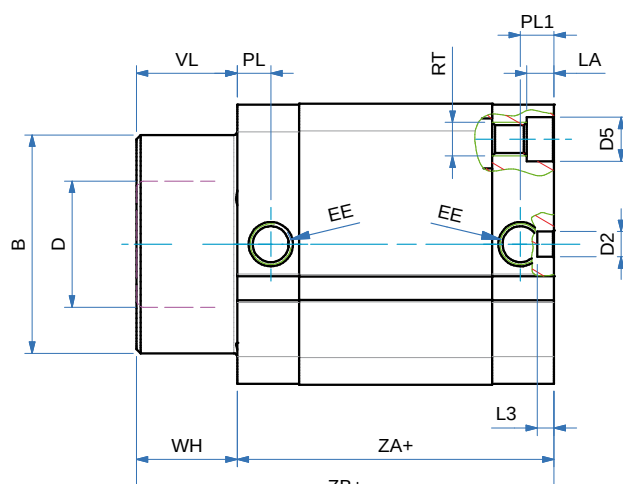
SINGLE ACTING REAR SPRING



DOPPIO EFFETTO SENZA MOLLA

ASTD1

DOUBLE ACTING WITHOUT SPRING



STOPPER CYLINDERS

DIMENSIONI - DIMENSIONS		
Ø	032	050
AF	15	17
Ø B	38	52
Ø D	20	32
Ø D2	6	6
Ø D5	9	10,5
E	50	67
EE	G1/8"	G1/8"
F4	4	-
I10	-	12,5
I11	5	10,5
I12	-	2
KF	M6	M8
LA	5,5	6,5
L3	4	4
PL	8	8
PL1	8	8
RT	M6	M8
TG	32	50
VD	16	24
WH	16	24
WH+	16	24
ZA+	44,5	45,5
ZB+	60,5	69,5
ZB++	60,5	69,5

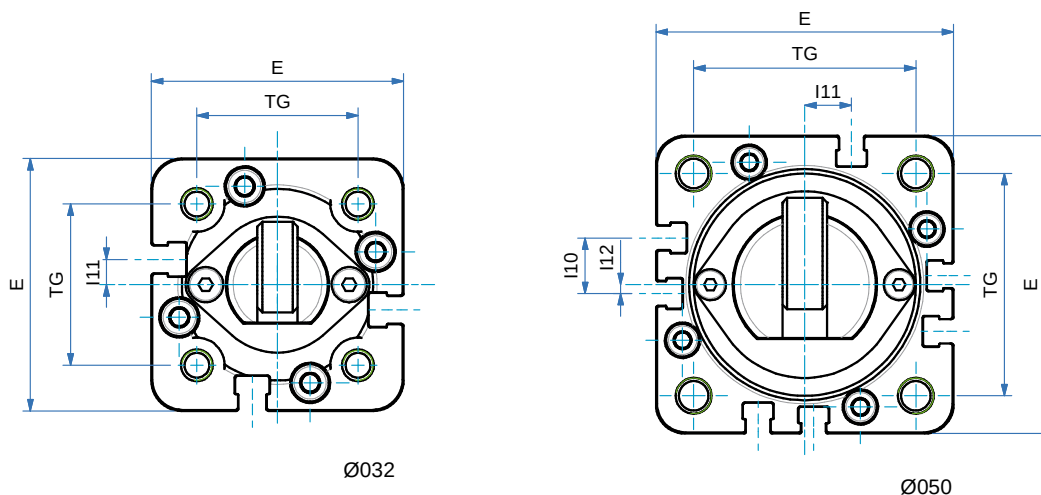
Ø	CORSE STANDARD - STANDARD STROKES
032	20
050	30



CILINDRO STOPPER

AST-R

STOPPER CYLINDER

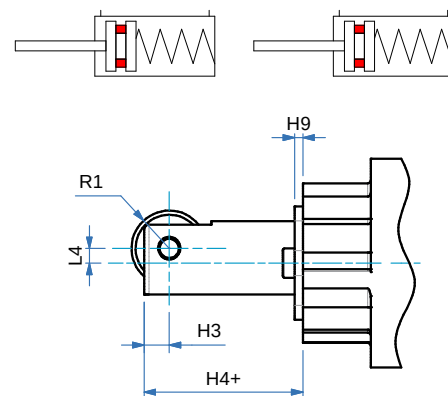
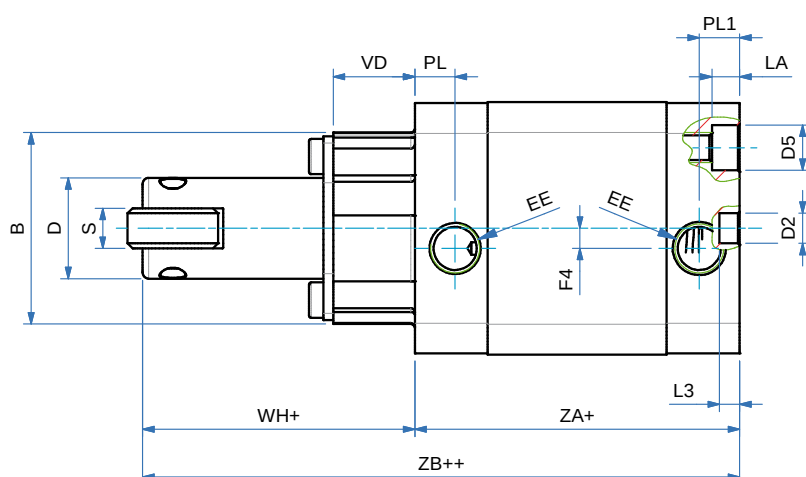


SEMPLICE EFFETTO MOLLA POSTERIORE CON RULLINO

AST-R

ASTD-R

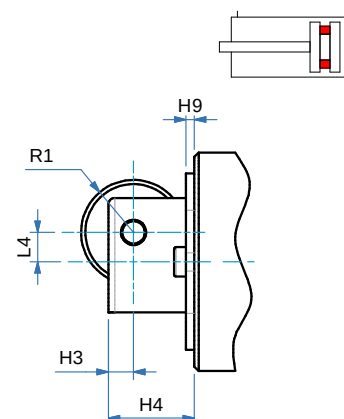
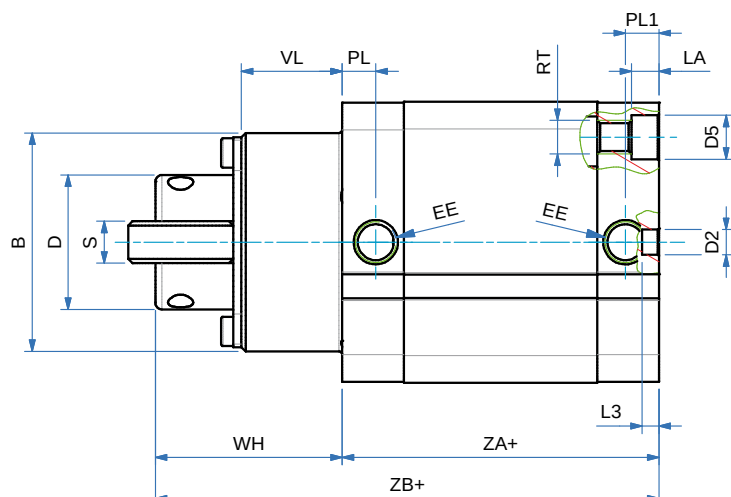
SINGLE ACTING REAR SPRING WITH ROLLER



DOPPIO EFFETTO SENZA MOLLA CON RULLINO

ASTD1-R

DOUBLE ACTING WITHOUT SPRING WITH ROLLER



STOPPER CYLINDERS

DIMENSIONI - DIMENSIONS		
Ø	032	050
Ø B	38	52
Ø D	20	32
Ø D2	6	6
Ø D5	9	10,5
E	50	67
EE	G1/8"	G1/8"
F4	4	-
H3	6	6
H4	18	20,5
H4+	18	20,5
H9	2	2
I10	-	12,5
I11	5	10,5
I12	-	2
L3	4	4
L4	3,5	7
LA	5,5	6,5
PL	8	8
PL1	8	8
R1	9	12,5
RT	M6	M8
S	8	10
TG	32	50
VD	16	24
WH	34	44,5
WH+	34	44,5
ZA+	44,5	45,5
ZB+	78,5	90
ZB++	78,5	90

Ø	CORSE STANDARD - STANDARD STROKES
032	20
050	30

SERIE

ST



