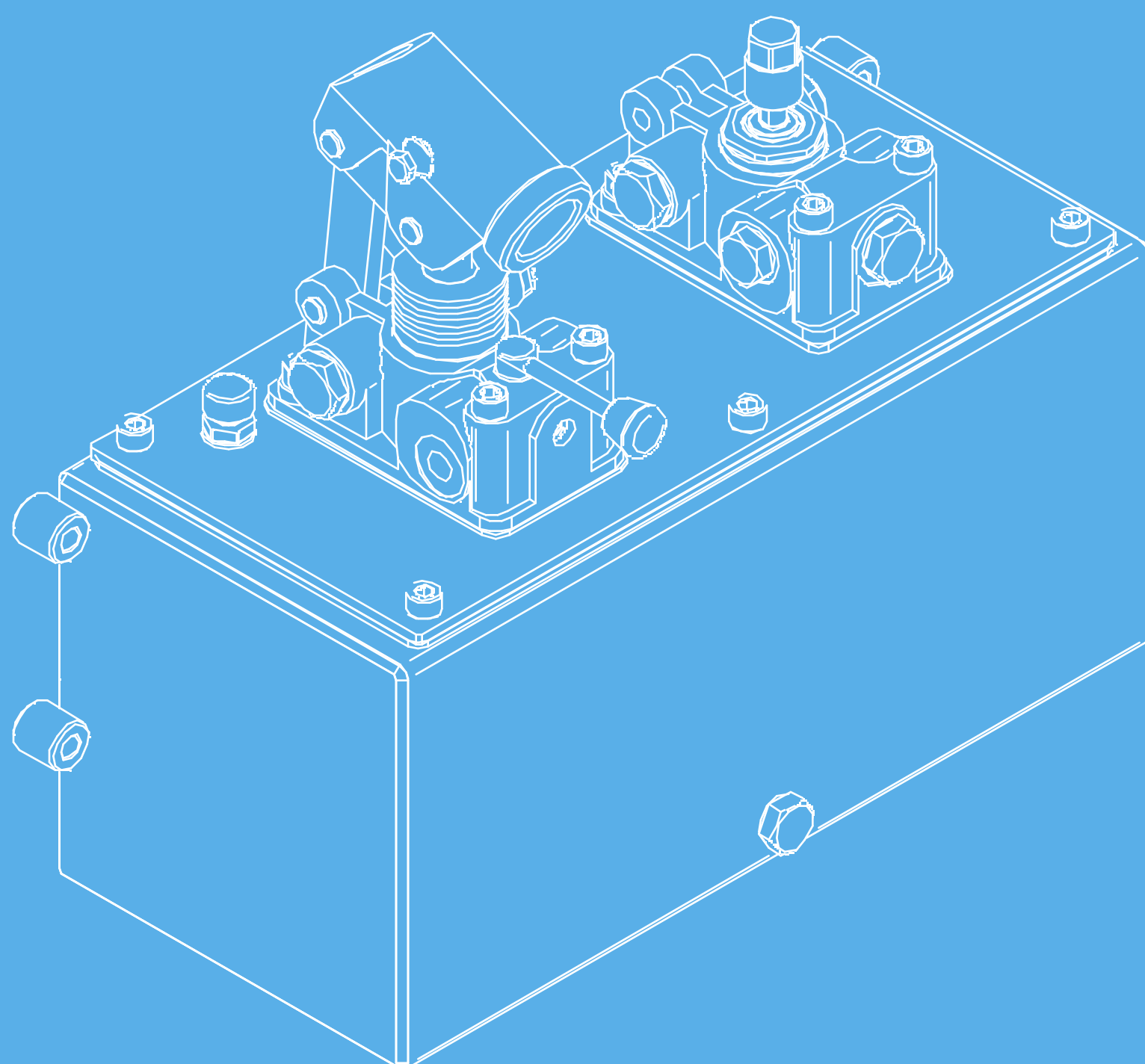
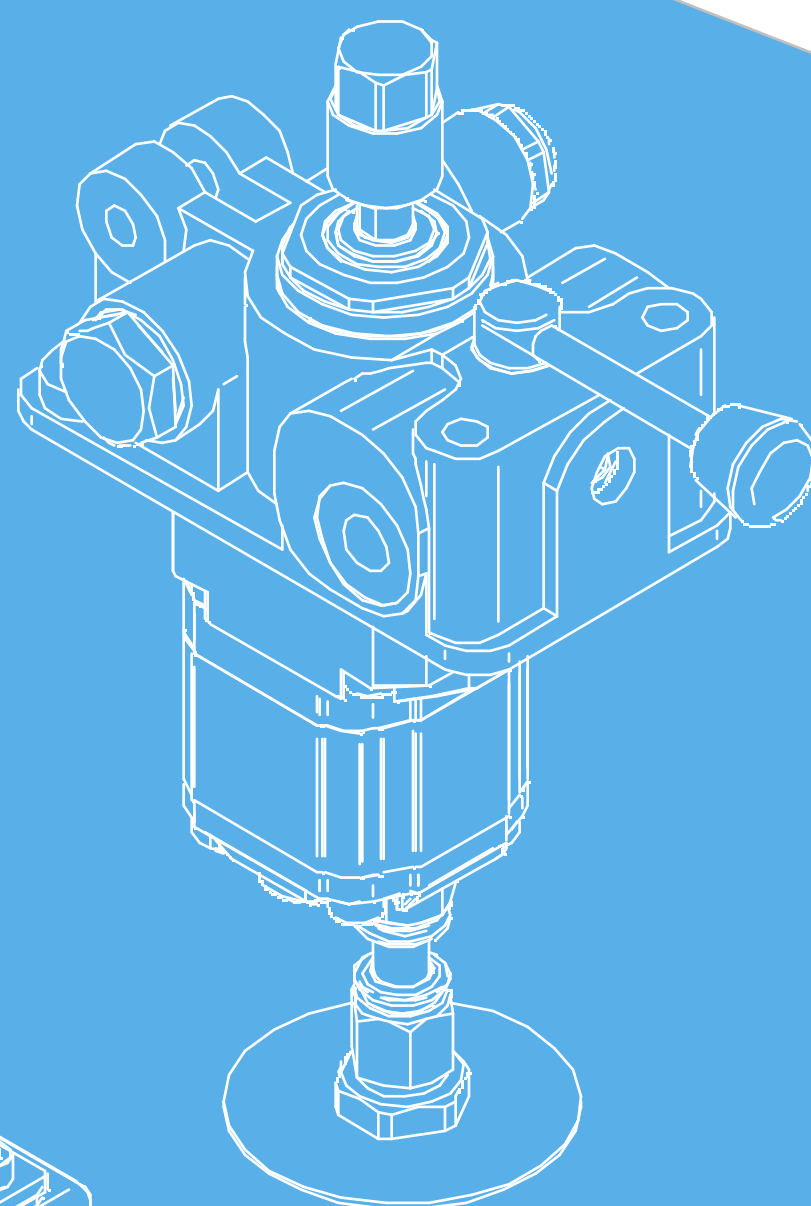
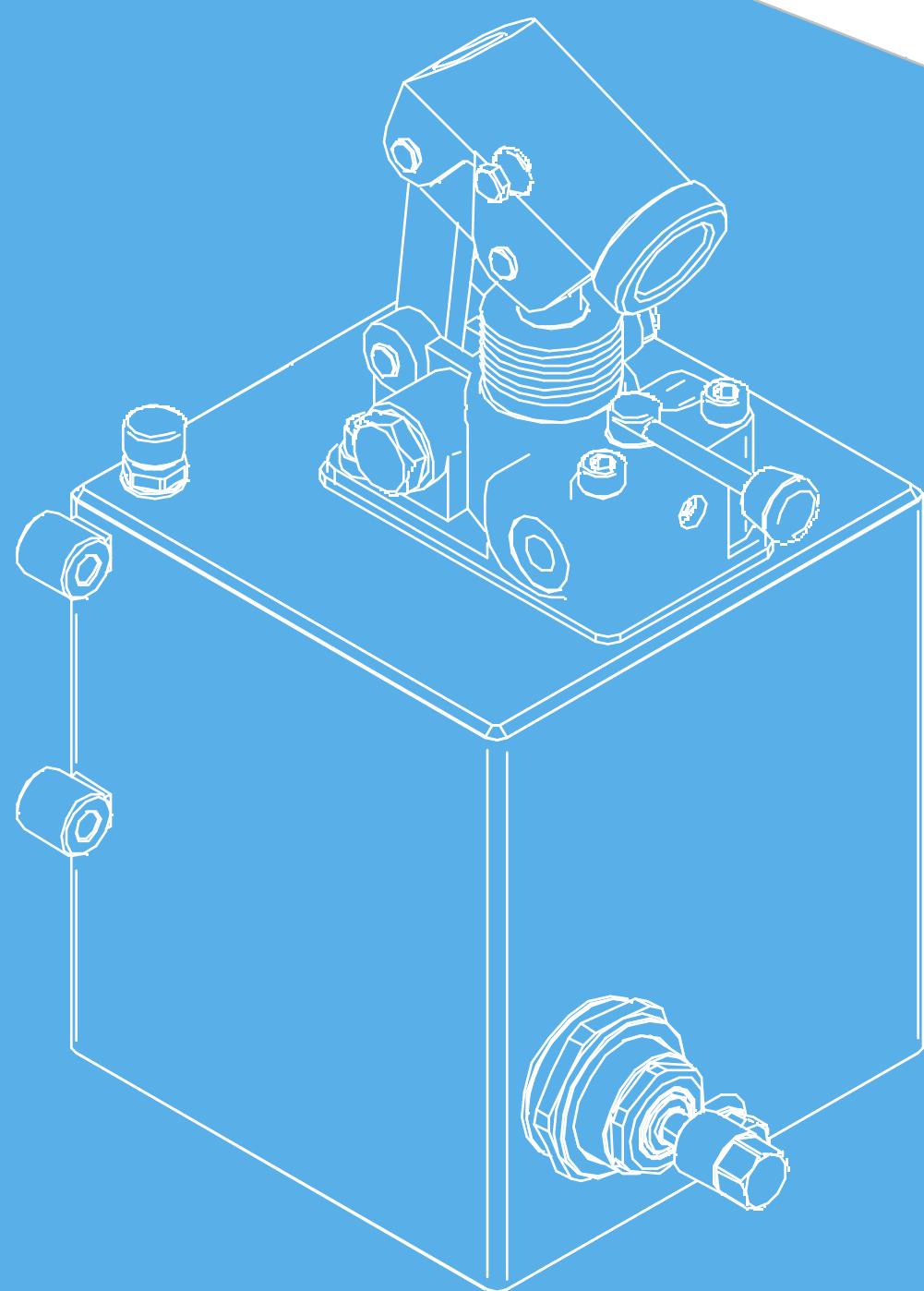




ZES

Zero Effort System



Ed. 2023

G.L. HYDRAULIC S.R.L. è una realtà produttiva all'avanguardia specializzata nella realizzazione di una vasta gamma di componenti oleodinamici che trovano applicazione nei più diversi settori industriali.

Gli elevati standard qualitativi del prodotto vengono scrupolosamente garantiti dall'impiego dei materiali migliori e dalla rigorosa attuazione di severe procedure di controllo. Grazie all'esperienza, alla profonda conoscenza del mercato e all'elevata competenza tecnica, G.L. HYDRAULIC S.R.L. è un punto di riferimento indispensabile per tutti coloro che cercano risposte puntuali e soluzioni concrete alle esigenze più diversificate. L'ottima assistenza pre e post vendita e la rapidità delle consegne assicurano servizi efficaci e tempestivi, frutto di una gestione aziendale dinamica e flessibile che è sinonimo di competenza e professionalità.

G.L. HYDRAULIC S.R.L. is a leading-edge manufacturer who specializes in producing a wide range of hydraulic components for application in a variety of industrial sectors. The exceptional product quality standards are carefully guaranteed through the use of very best materials and the implementation of extremely tough quality-control procedures. Thanks to its experience, extensive knowledge of the market and outstanding technical skills, G.L. HYDRAULIC S.R.L. is an indispensable port of call for those seeking prompt, concrete solutions for every type of requirement, no matter how difficult it might seem. Excellent pre and after assistance, together with fast delivery, ensure a highly efficient customer service arising from the flexible, dynamic company management synonymous with skill and professionalism.

CATALOGO TECNICO *TECHNICAL CATALOGUE*

ZES

Zero Effort System

Patented

G.L. HYDRAULIC S.R.L.

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- Kit filtro aspirazione - Suction kit - Line KFIL - KFILL - KFILS - KRAC	17

ZES

Sistema pompante a "sforzo zero"

"Zero Effort System"



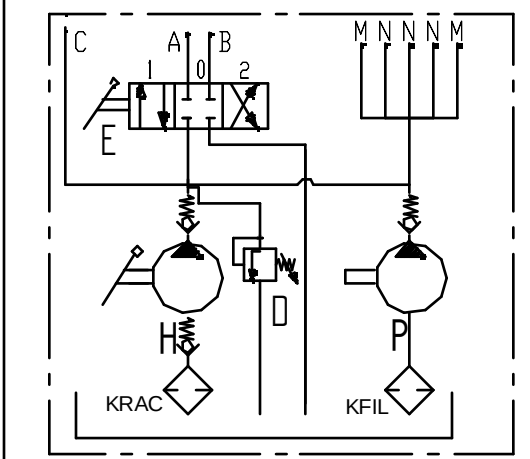
DE

Clockwise rotation

Rotazione oraria

For double acting cylinder
with oil tank

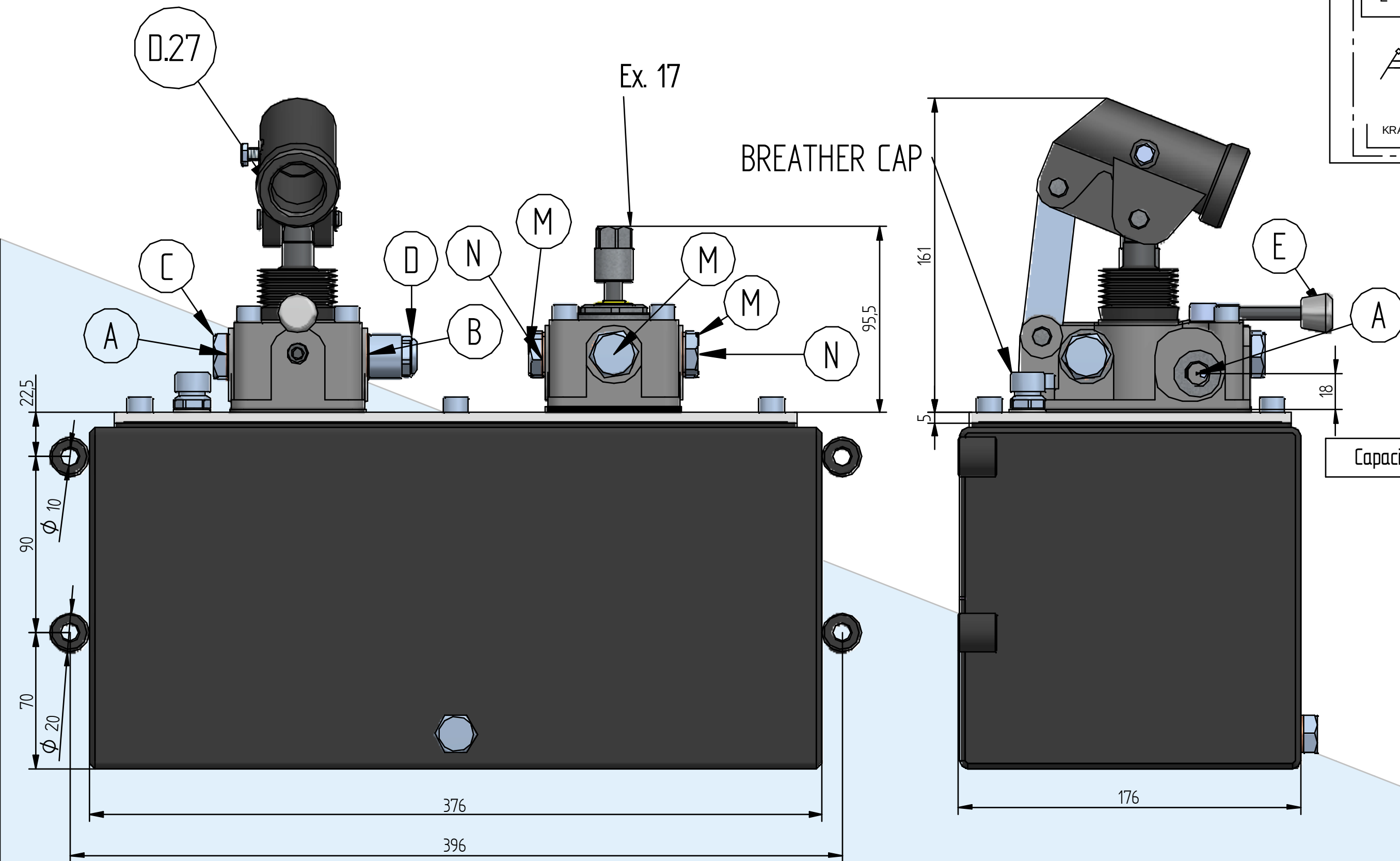
For double acting cylinder
Per cilindro a doppio effetto



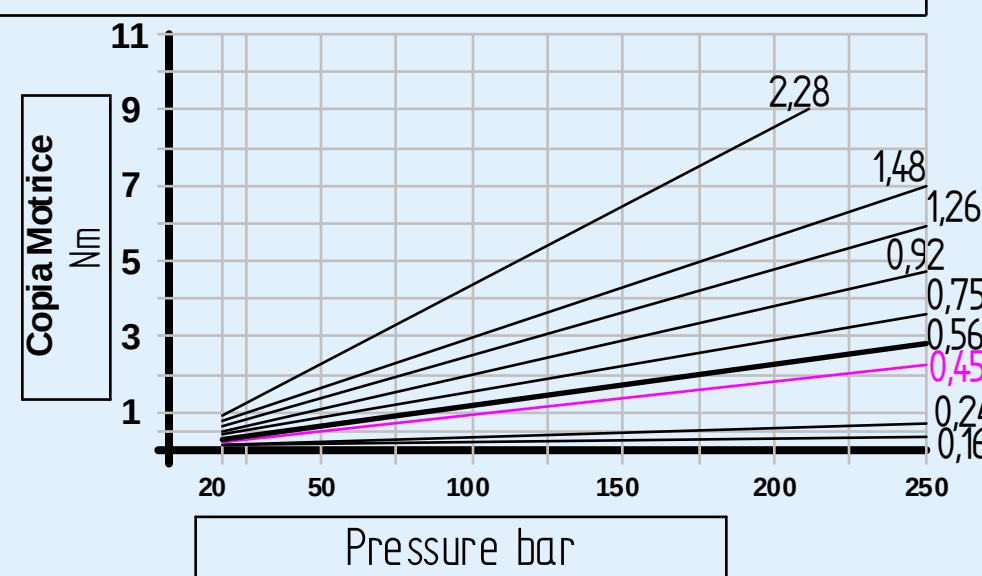
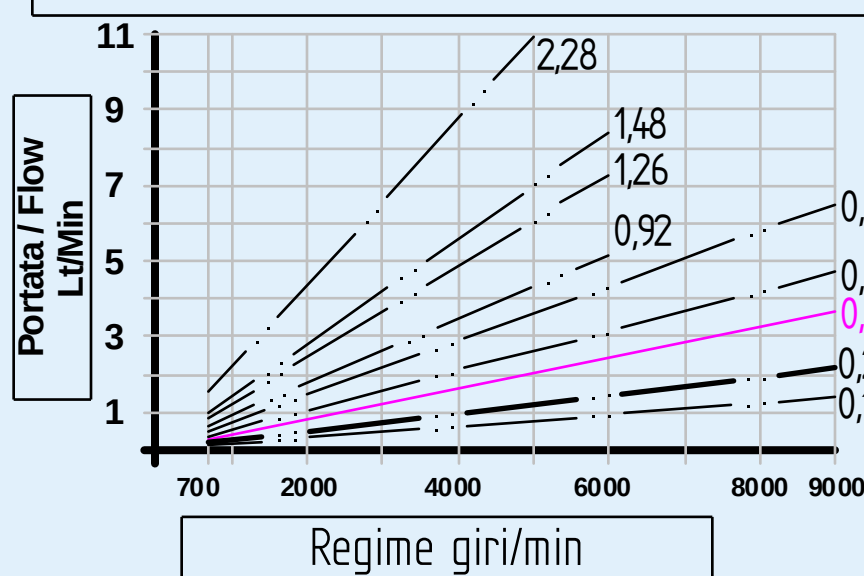
A	1/4 gas
B	1/4 gas
C	3/8 gas
D	Relief valve
M	1/4 gas
N	3/8 gas

Capacity of oil tank 10 Litres

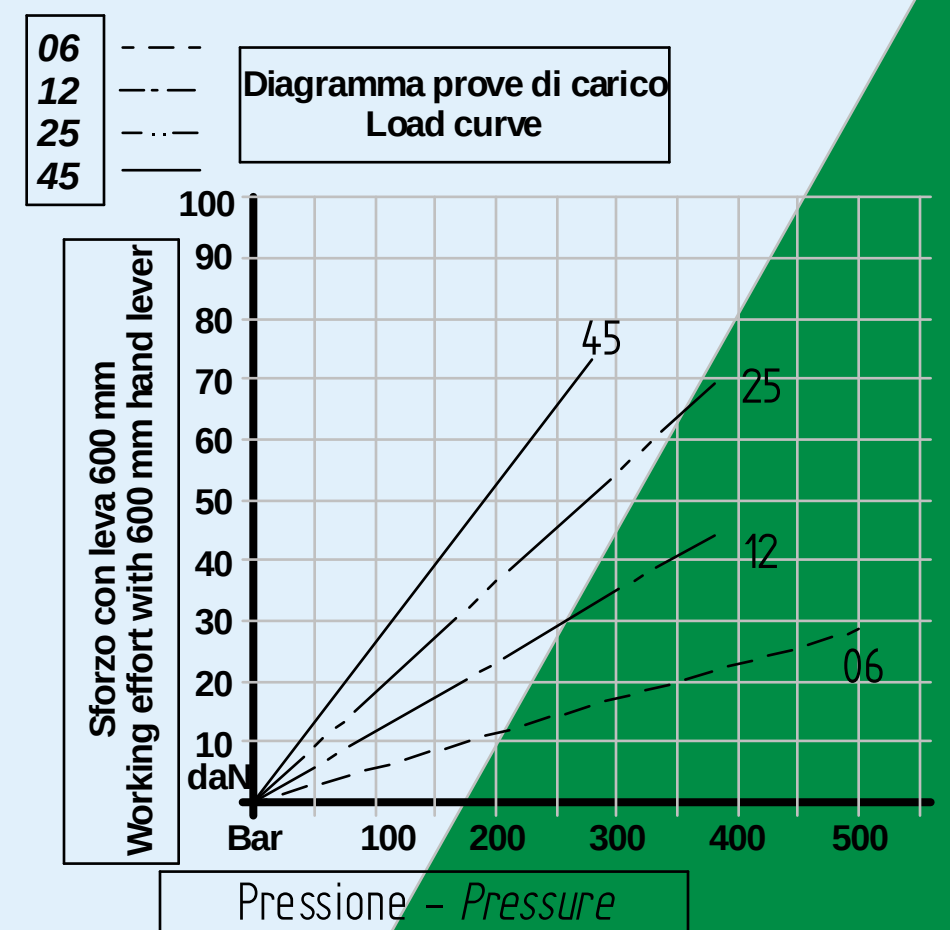
Weight: 16,2 Kg



Pompa ad ingranaggi - Gear pump



Coppia di serraggio vite con rivetto: 8/10 Nm
Torque of fastened screw: 8/10 Nm



Codice di ordinazione - Ordering code

ZES

Option 1	017
	025
	045
	057
	076
	098
	127
	152
	230

DE

Option 2	06
	12
	25
	45

Option 1

cc Gear pump

017	0.16 cc
025	0.24 cc
045	0.45 cc - Standard Version
057	0.56 cc
076	0.75 cc
098	0.92 cc
127	1.26 cc
152	1.48 cc
230	2.28 cc

Option 2

cc Hand pump

6	6 cc
12	12.5 cc
25	19.5 cc - Standard Version
45	28 cc

Taratura valvola di massima pressione - Comunque non oltre la pressione massima della pompa.
Relief valve setting - However not over the pumps' max pressure
min - max (bar) 30 - (...)

Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
6	400	017	0.16	260	700	9000
12,5	320	025	0.24	260	700	9000
19,4	300	045	0.45	280	700	9000
28	250	057	0.56	280	700	9000
		076	0.75	280	700	9000
		098	0.92	280	700	6000
		127	1.26	280	700	6000
		152	1.48	280	700	6000
		230	2.28	210	700	5000

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Pag. 5

ZES

Sistema pompante a "sforzo zero"

"Zero Effort System"



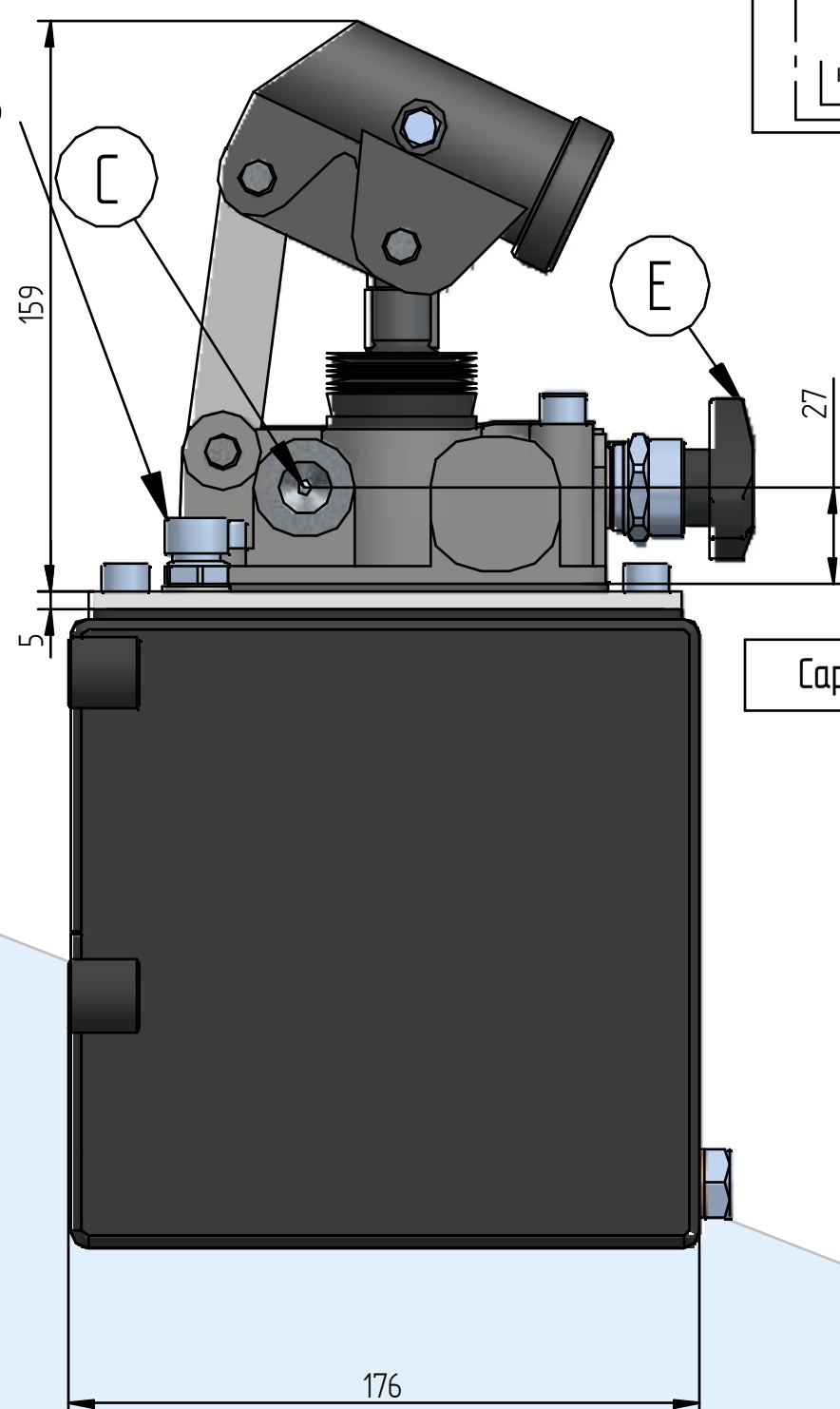
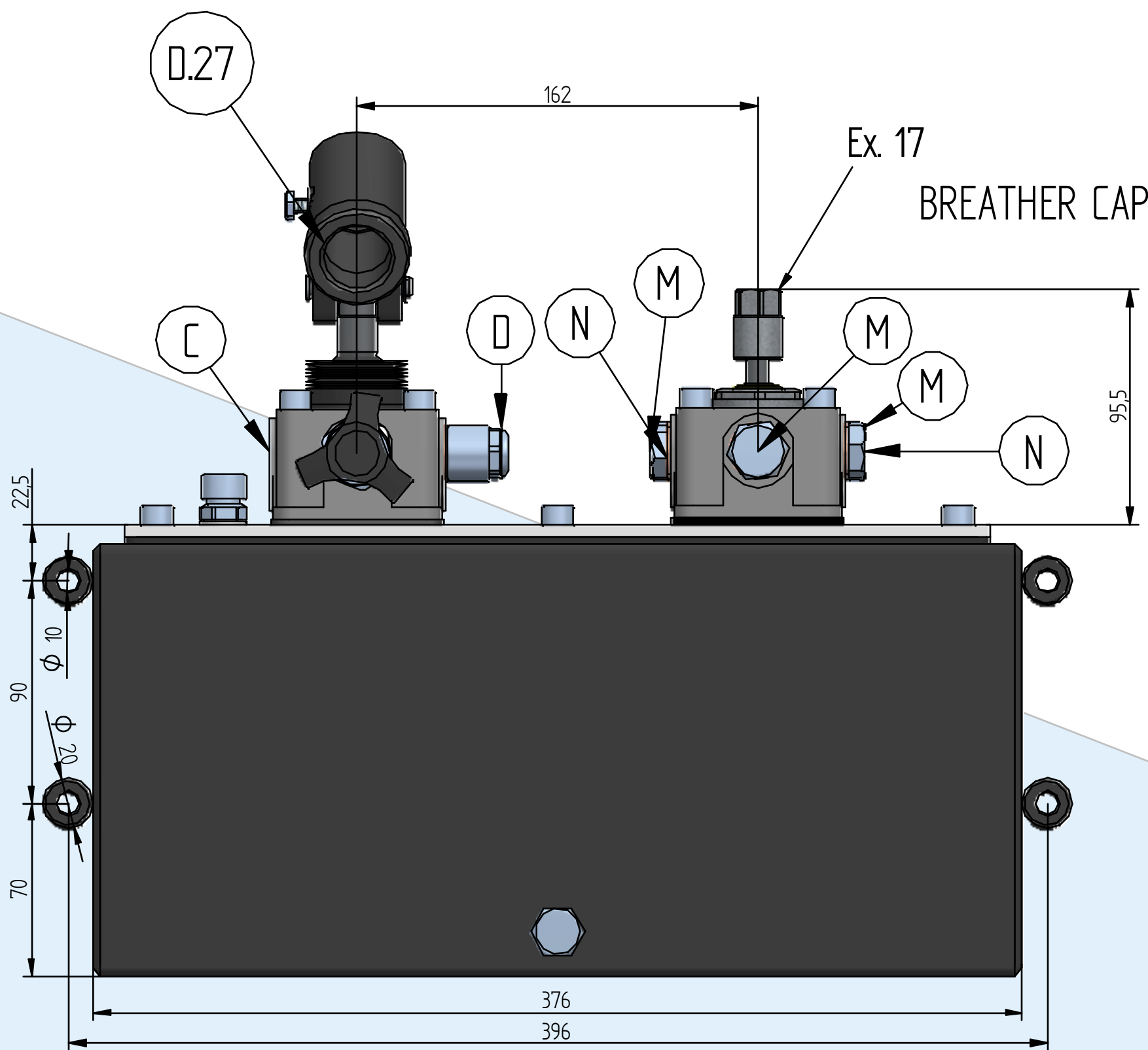
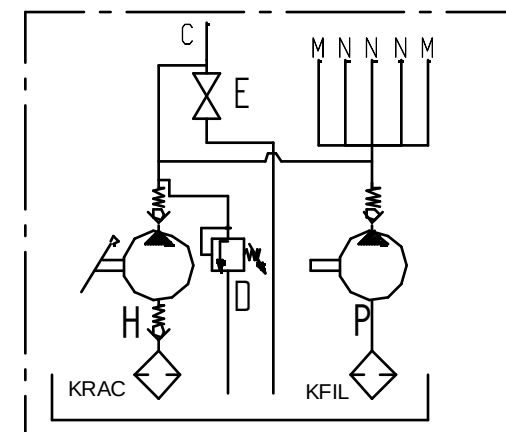
SE

Clockwise rotation

Rotazione oraria

For single acting cylinder
with oil tank

For single acting cylinder
Per cilindro a semplice effetto

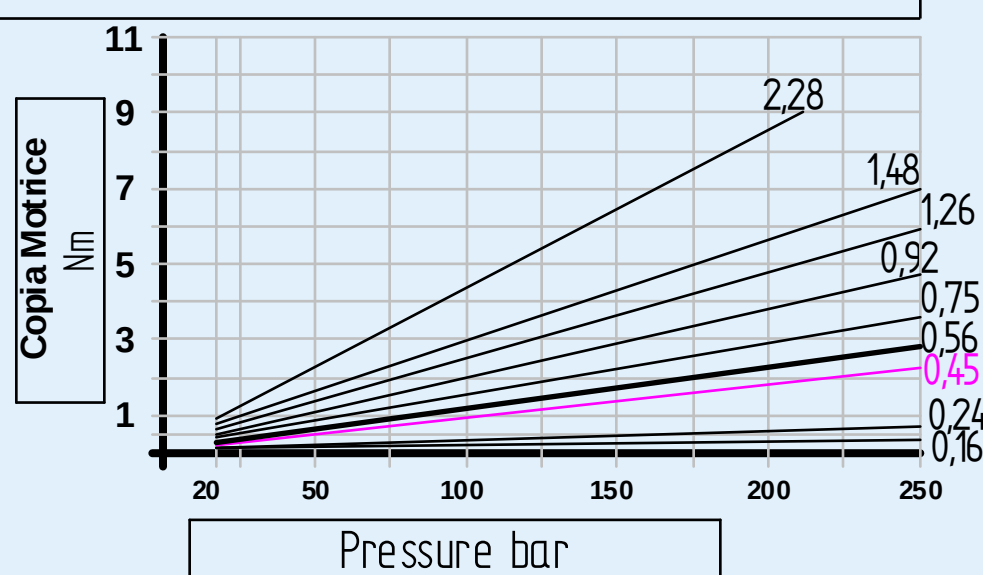
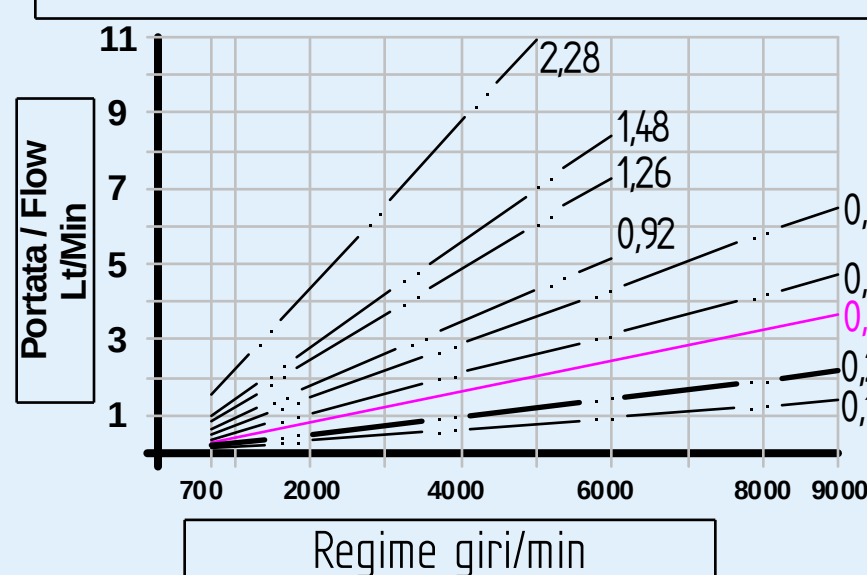


C	3/8 gas
D	Relief valve
M	1/4 gas
N	3/8 gas

Capacity of oil tank 10 Litres

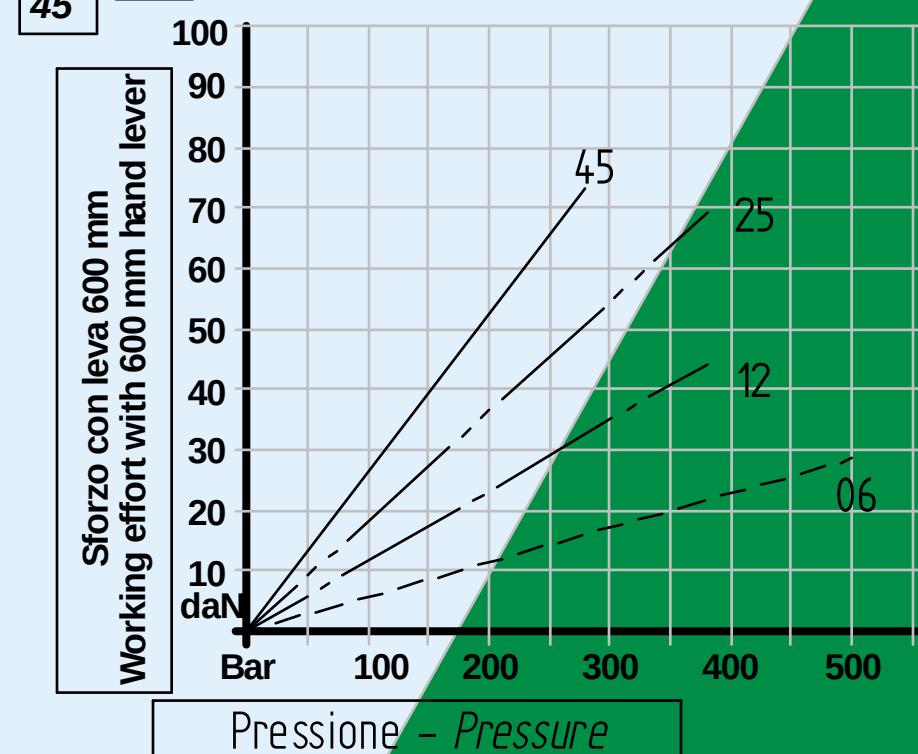
Weight: 16,2 Kg

Pompa ad ingranaggi - Gear pump



Coppia di serraggio vite con rivetto: 8/10 Nm
Torque of fastened screw: 8/10 Nm

Diagramma prove di carico Load curve



Codice di ordinazione - Ordering code

ZES

Option 1	017
	025
	045
	057
	076
	098
	127
	152
	230

SE

Option 2	06
	12
	25
	45

Option 1

cc Gear pump

017	0.16 cc
025	0.24 cc
045	0.45 cc - Standard Version
057	0.56 cc
076	0.75 cc
098	0.92 cc
127	1.26 cc
152	1.48 cc
230	2.28 cc

Option 2

cc Hand pump

6	6 cc
12	12.5 cc
25	19.5 cc - Standard Version
45	28 cc

Taratura valvola di massima pressione - Comunque non oltre la pressione massima della pompa.
Relief valve setting - However not over the pumps' max pressure
min - max (bar) 30 - (...)

Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
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12,5	320	025	0.24	260	700	9000
19,4	300	045	0.45	280	700	9000
28	250	057	0.56	280	700	9000
		076	0.75	280	700	9000
		098	0.92	280	700	6000
		127	1.26	280	700	6000
		152	1.48	280	700	6000
		230	2.28	210	700	5000

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ZES

Sistema pompante a "sforzo zero"

"Zero Effort System"



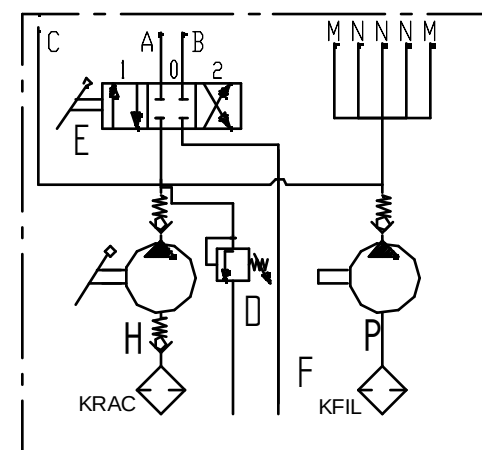
WOT

Clockwise rotation

Rotazione oraria

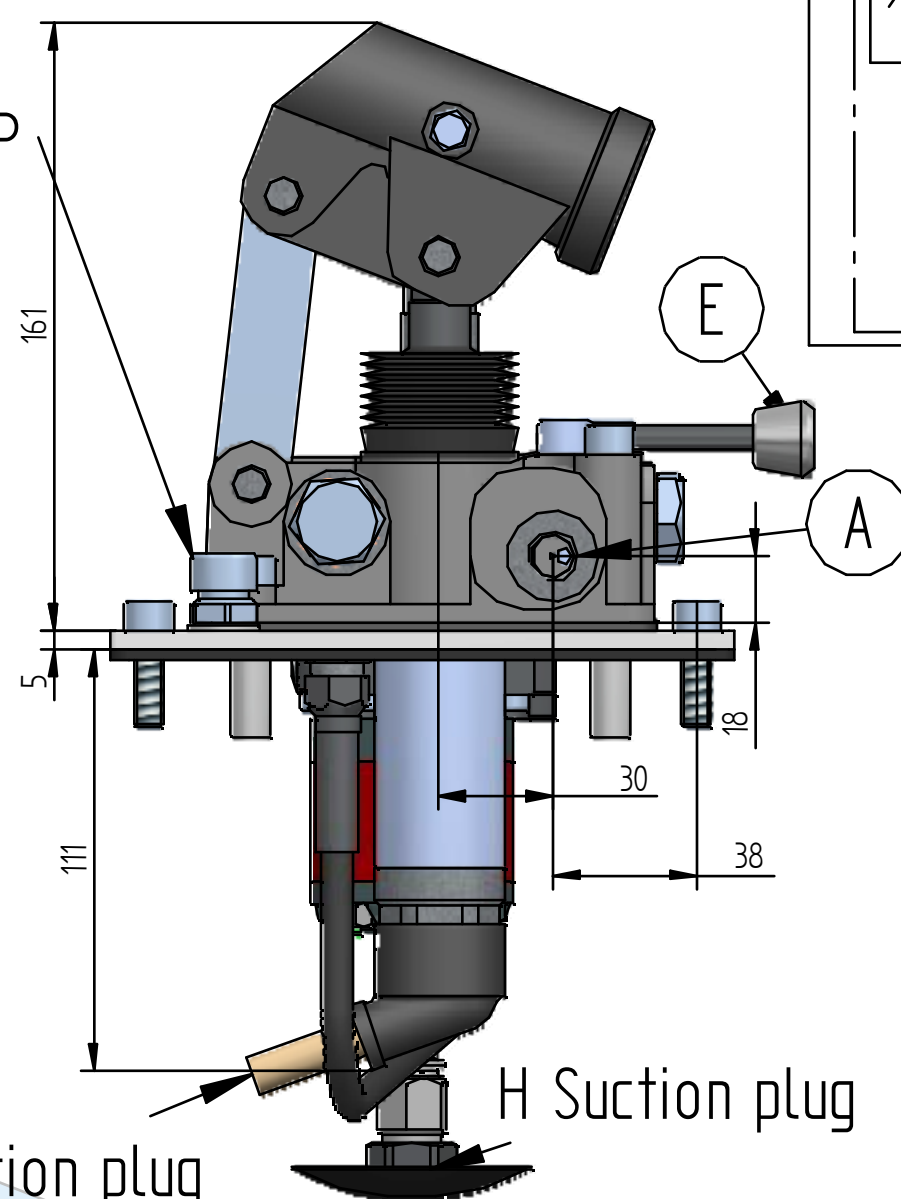
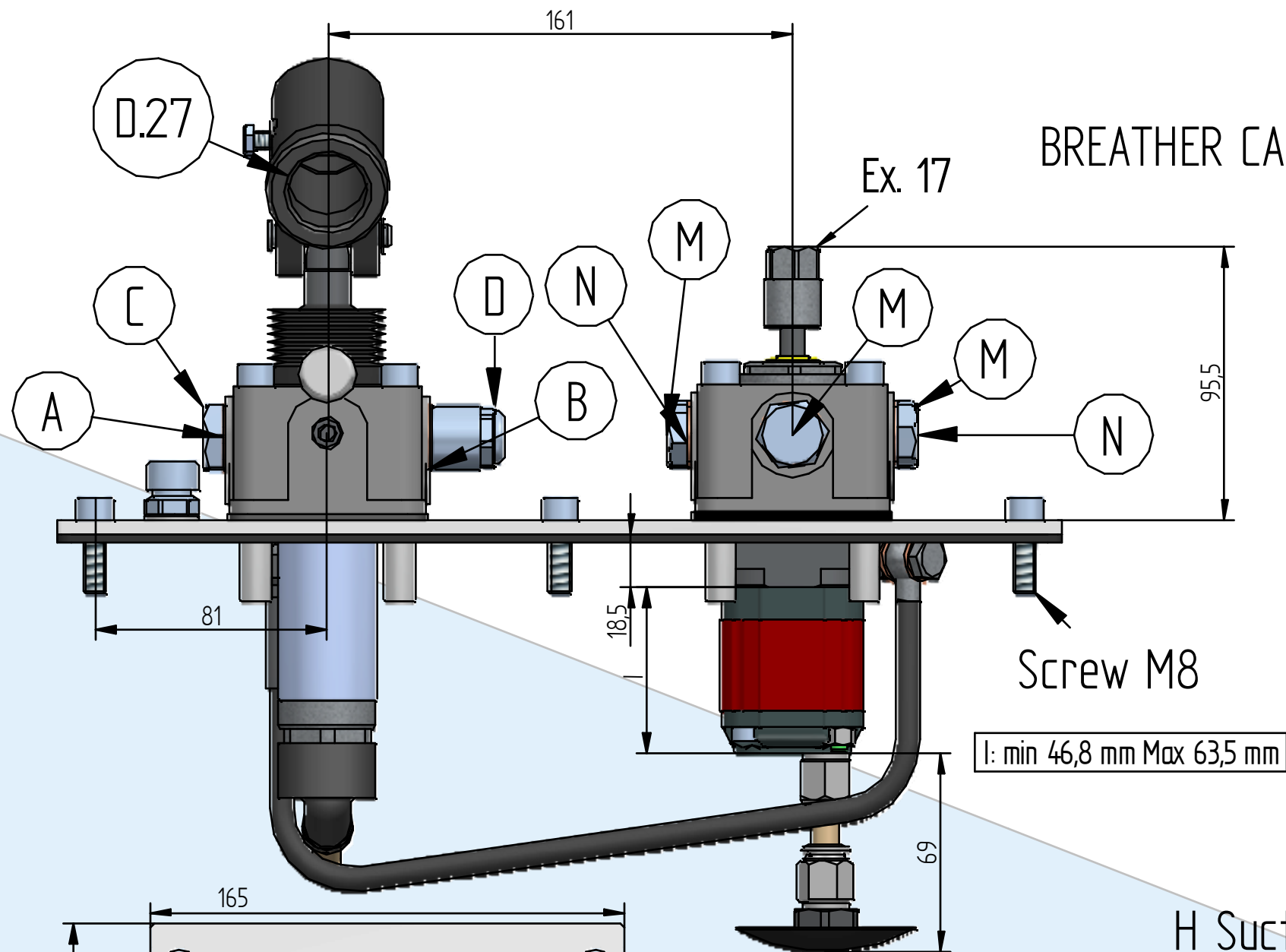
For double acting cylinder
without oil tank

For double acting cylinder
Per cilindro a doppio effetto

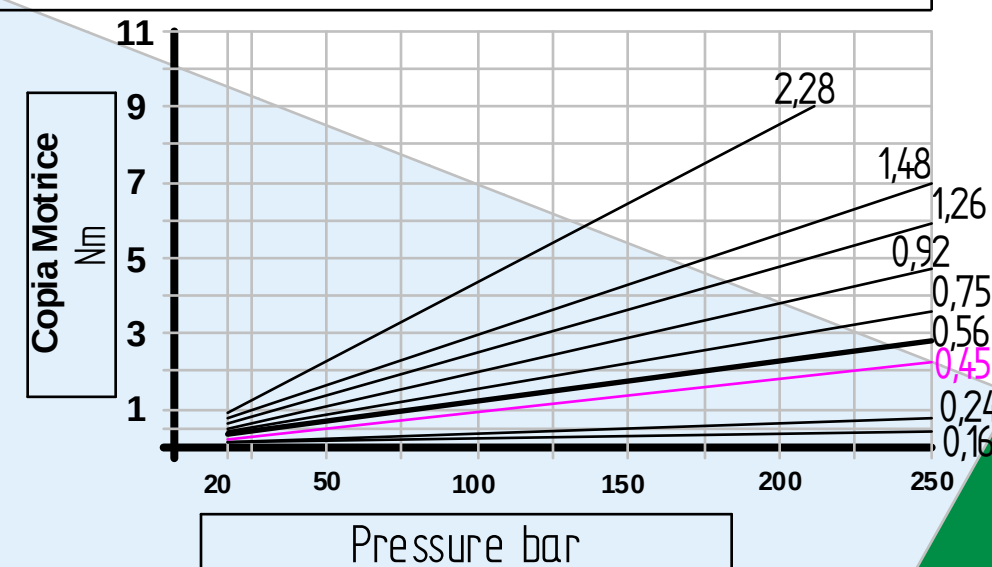
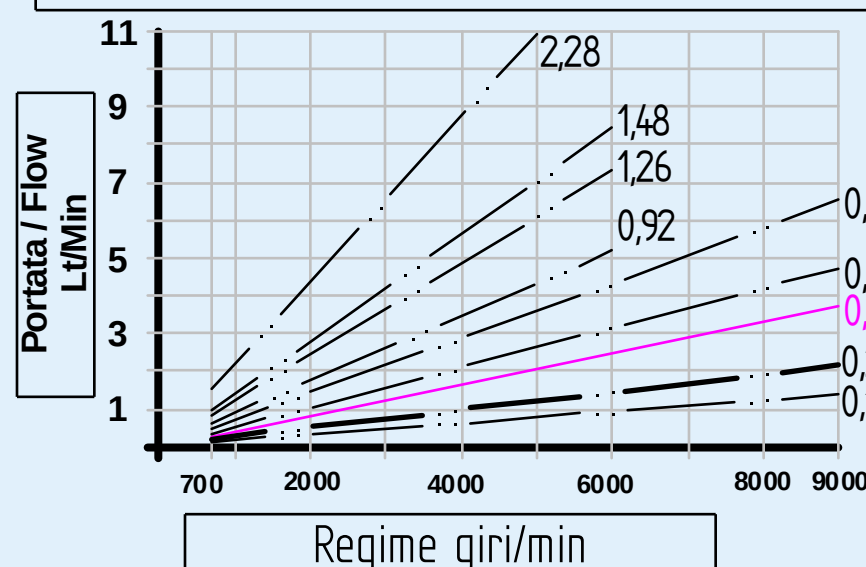


A	1/4 gas
B	1/4 gas
C	3/8 gas
D	Relief valve
F	Hole
H	Suction
M	1/4 gas
N	3/8 gas

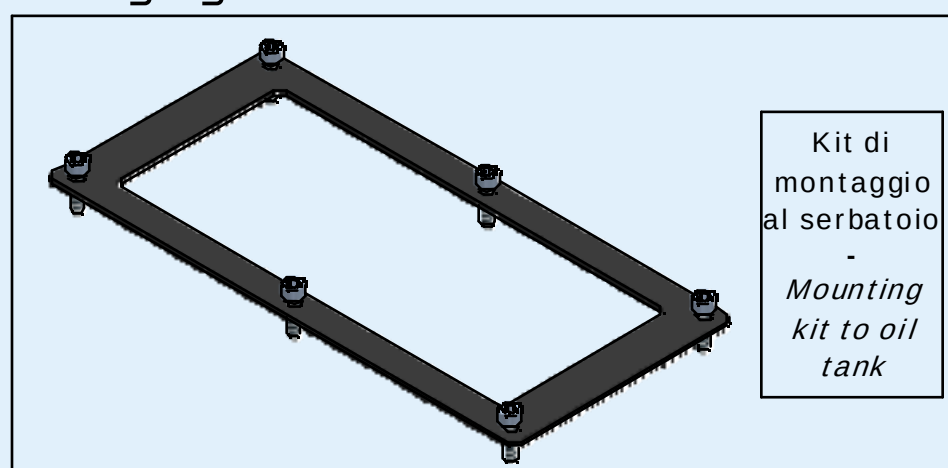
Weight: 9 Kg



Pompa ad ingranaggi - Gear pump



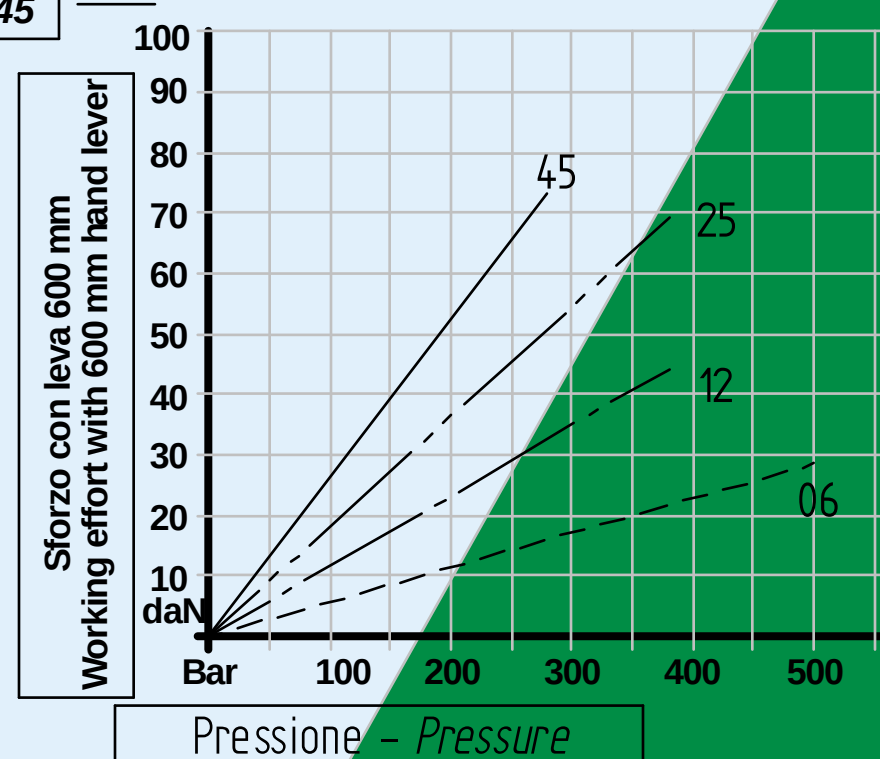
D Discharging hole



Kit di montaggio al serbatoio
Mounting kit to oil tank

06
12
25
45

Diagramma prove di carico
Load curve



Codice di ordinazione - Ordering code

ZES

Option 1	017
	025
	045
	057
	076
	098
	127
	152
	230

DE

Option 2	06
	12
	25
	45

WOT

Option 1

cc Gear pump

017	0.16 cc
025	0.24 cc
045	0.45 cc - Standard Version
057	0.56 cc
076	0.75 cc
098	0.92 cc
127	1.26 cc
152	1.48 cc
230	2.28 cc

Option 2

cc Hand pump

6	6 cc
12	12.5 cc
25	19.5 cc - Standard Version
45	28 cc

Taratura valvola di massima pressione - Comunque non oltre la pressione massima della pompa.
Relief valve setting - However not over the pumps' max pressure
min - max (bar) 30 - (...)

Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
6	400	017	0.16	260	700	9000
12,5	320	025	0.24	260	700	9000
19,4	300	045	0.45	280	700	9000
28	250	057	0.56	280	700	9000
		076	0.75	280	700	9000
		098	0.92	280	700	6000
		127	1.26	280	700	6000
		152	1.48	280	700	6000
		230	2.28	210	700	5000

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Pag. 7

ZES

Sistema pompante a "sforzo zero"

"Zero Effort System"



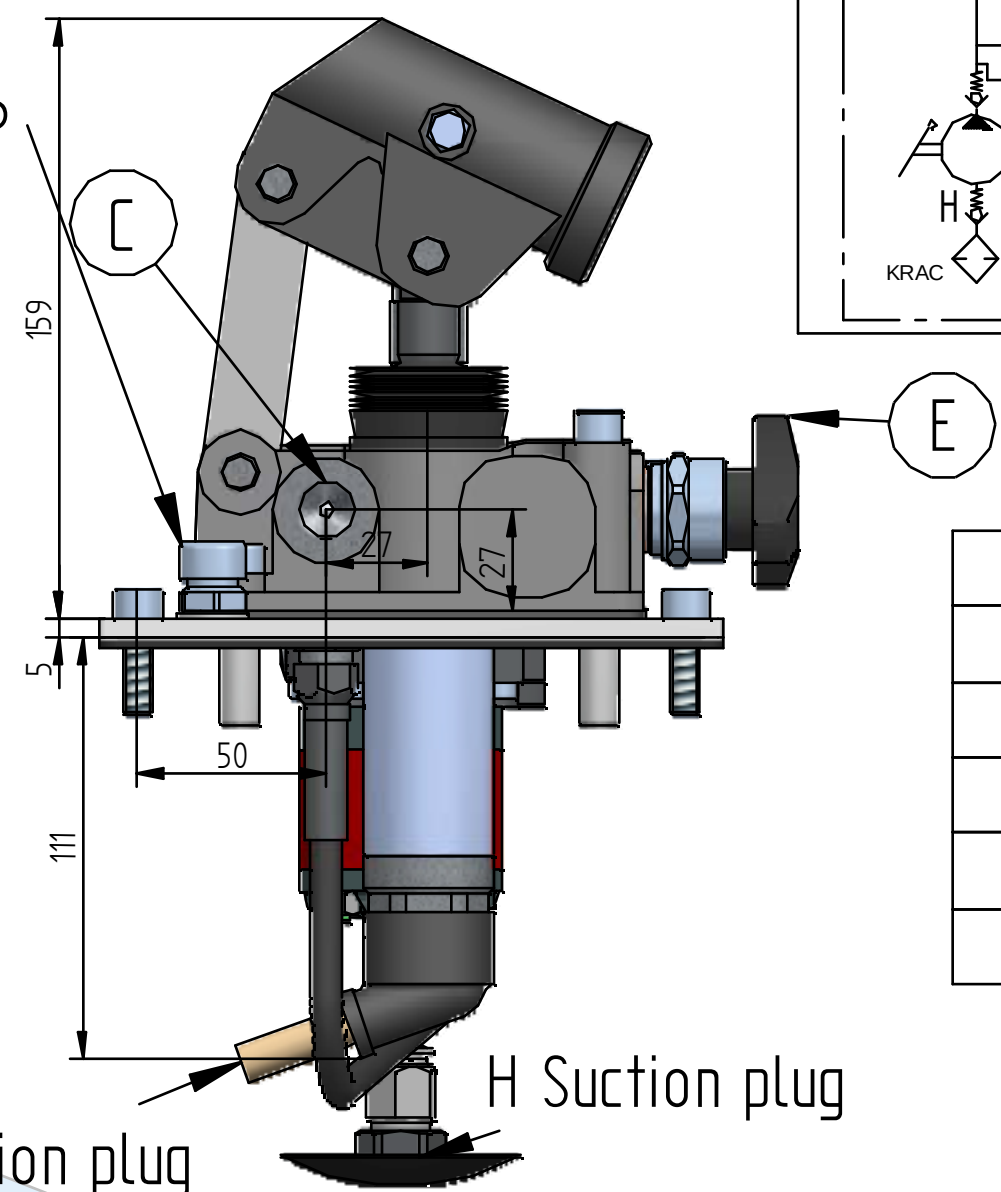
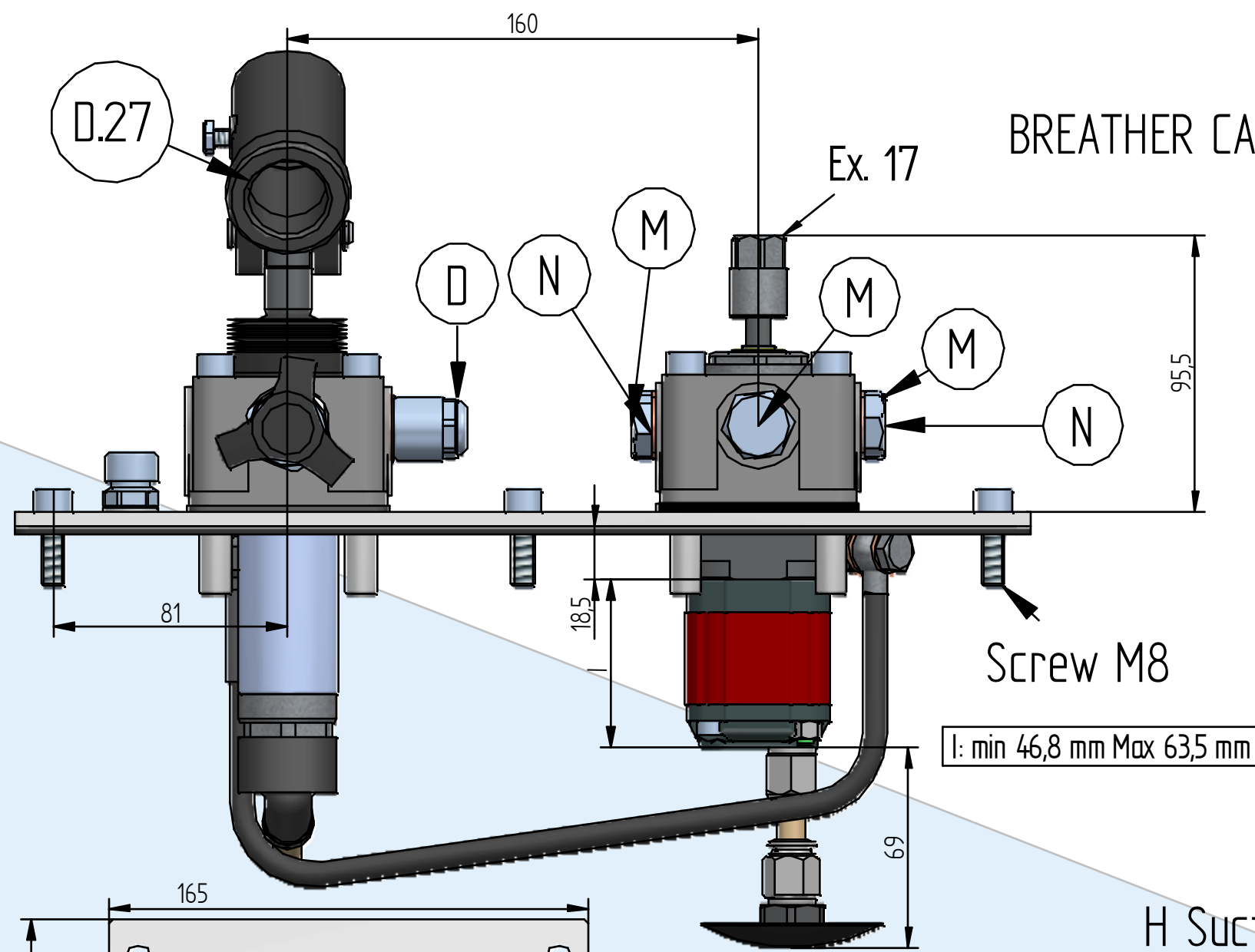
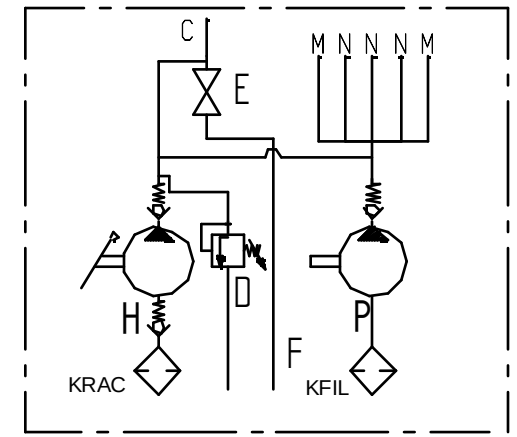
WOT

Clockwise rotation

Rotazione oraria

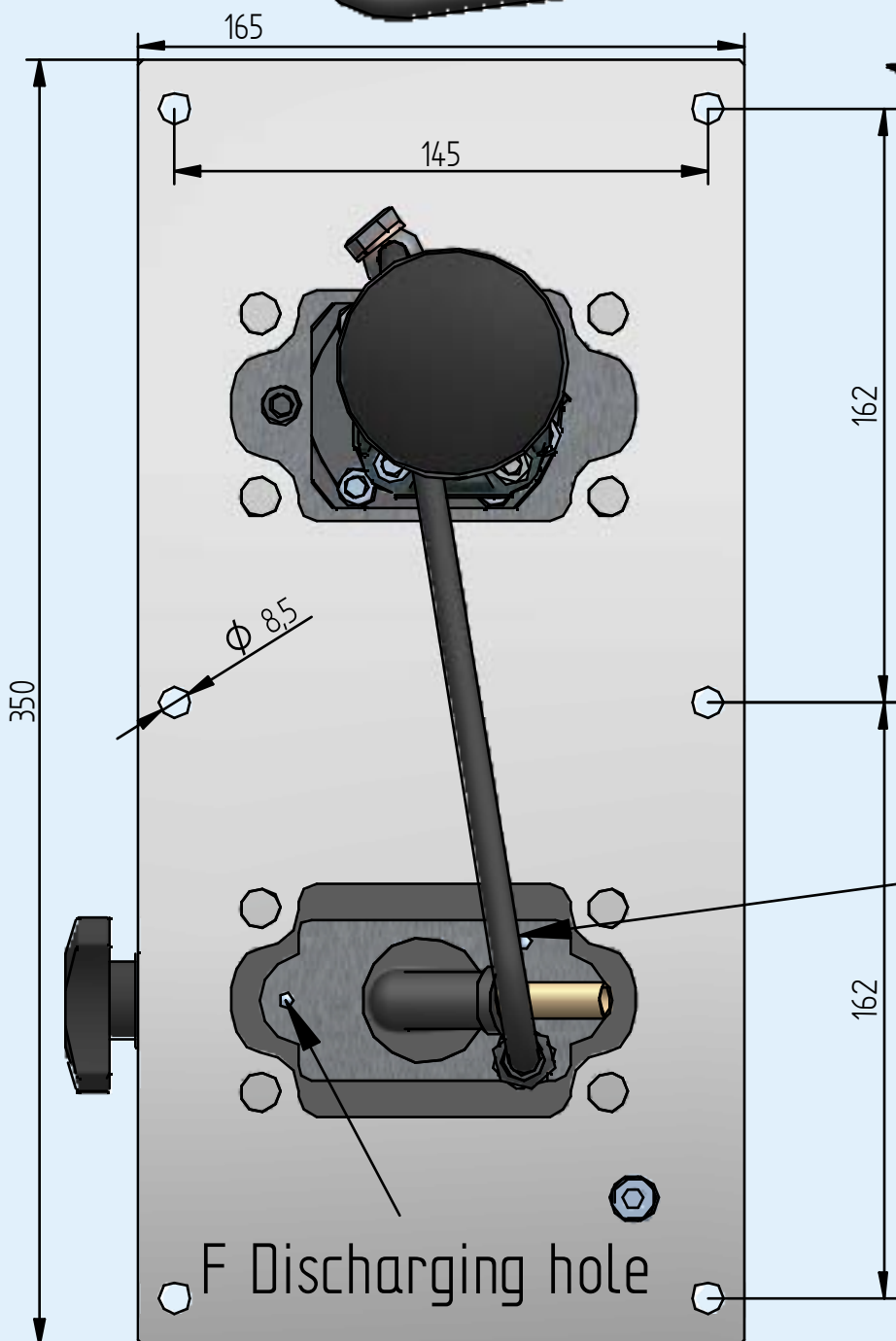
For single acting cylinder without oil tank

For single acting cylinder
Per cilindro a semplice effetto

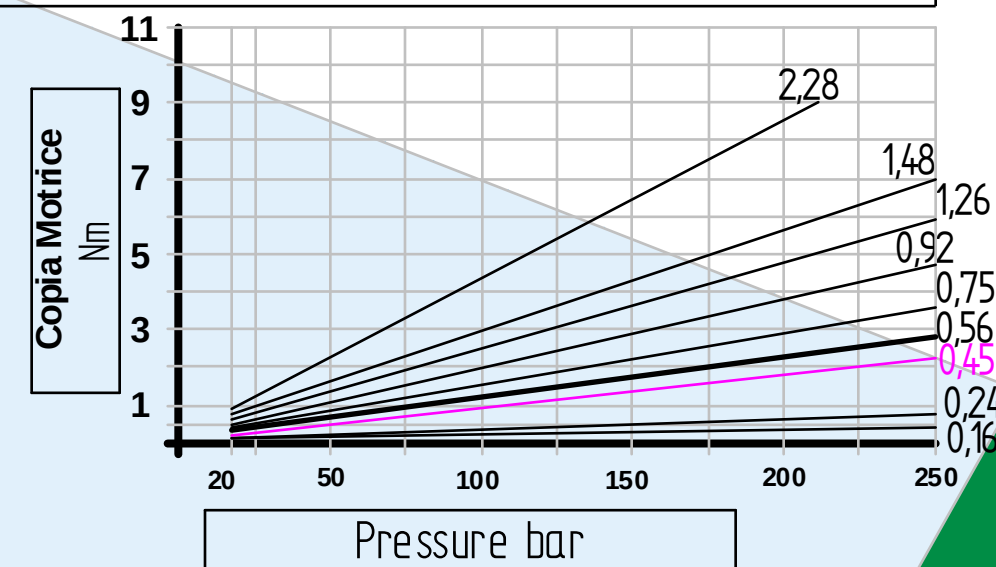
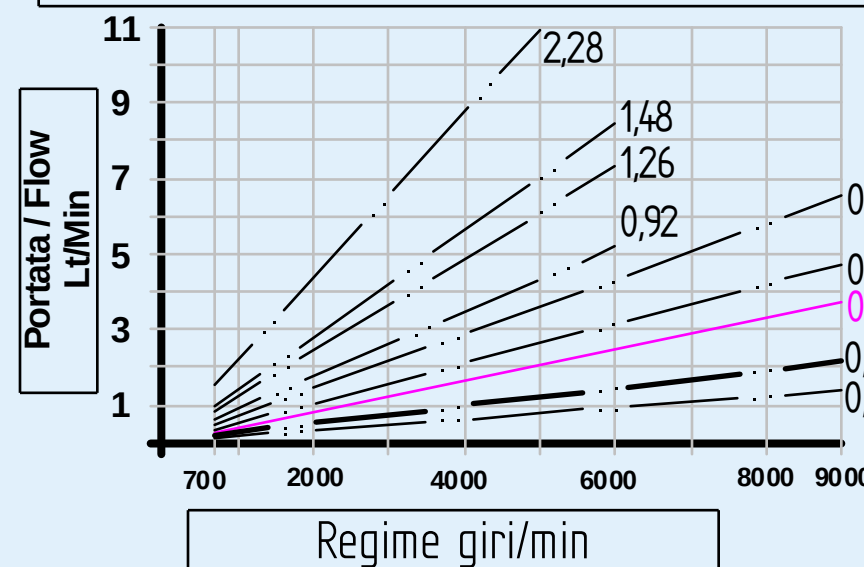


C	3/8 gas
D	Relief valve
F	Hole
H	Suction
M	1/4 gas
N	3/8 gas

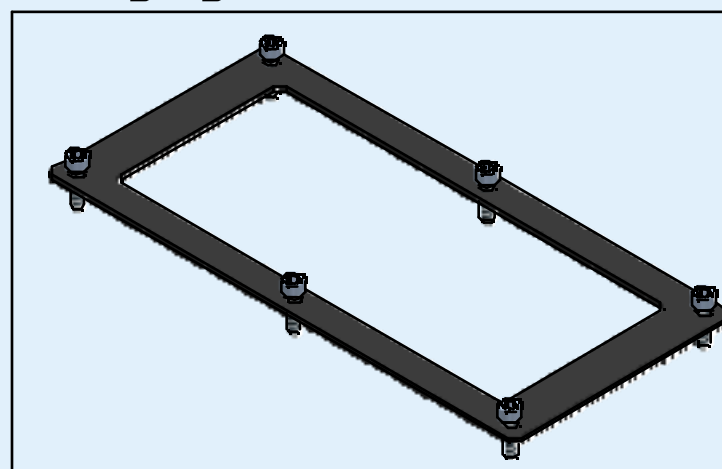
Weight: 9 Kg



Pompa ad ingranaggi - Gear pump



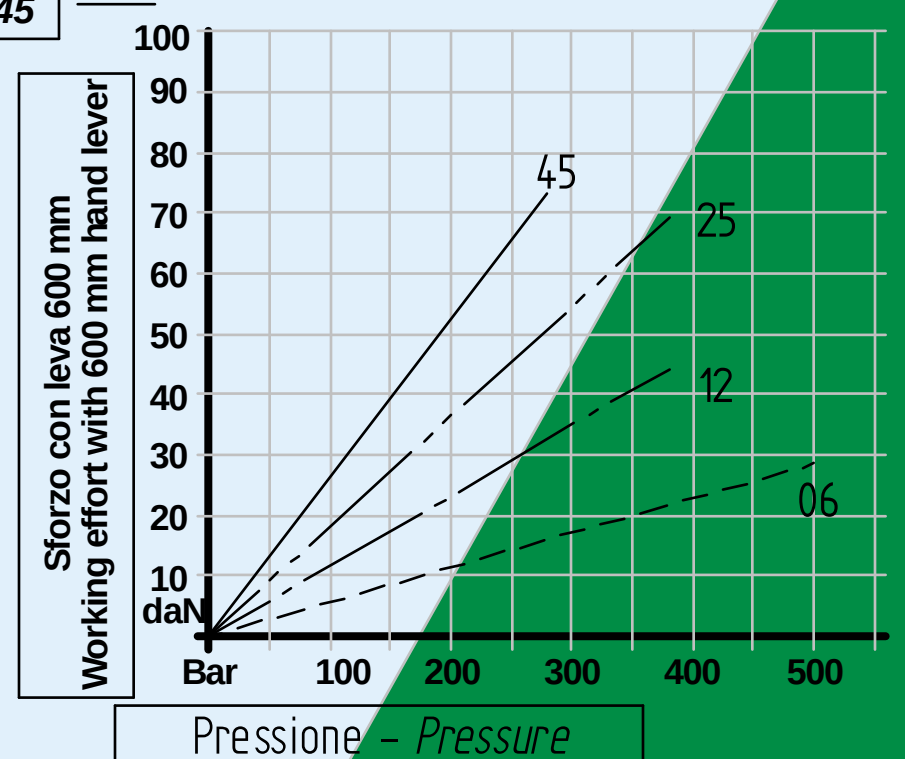
D Discharging hole



Kit di montaggio al serbatoio
-
Mounting kit to oil tank

06
12
25
45

Diagramma prove di carico
Load curve



Codice di ordinazione - Ordering code

ZES

Option 1	017
	025
	045
	057
	076
	098
	127
	152
	230

SE

Option 2	06
	12
	25
	45

WOT

Option 1

cc Gear pump

017	0.16 cc
025	0.24 cc
045	0.45 cc - Standard Version
057	0.56 cc
076	0.75 cc
098	0.92 cc
127	1.26 cc
152	1.48 cc
230	2.28 cc

Option 2

cc Hand pump

6	6 cc
12	12.5 cc
25	19.5 cc - Standard Version
45	28 cc

Taratura valvola di massima pressione - Comunque non oltre la pressione massima delle pompa.
Relief valve setting - However not over the pumps' max pressure
min - max (bar) 30 - (...)

Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
6	400	017	0.16	260	700	9000
12,5	320	025	0.24	260	700	9000
19,4	300	045	0.45	280	700	9000
28	250	057	0.56	280	700	9000
		076	0.75	280	700	9000
		098	0.92	280	700	6000
		127	1.26	280	700	6000
		152	1.48	280	700	6000
		230	2.28	210	700	5000

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Pag. 8

ZES

DE_SR

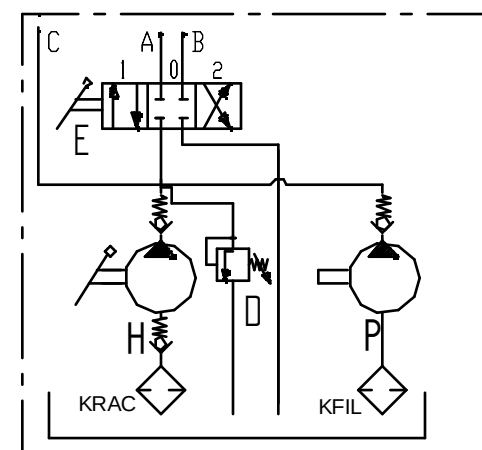
Clockwise rotation
Rotazione oraria

Sistema pompante a "sforzo zero"
"Zero Effort System"

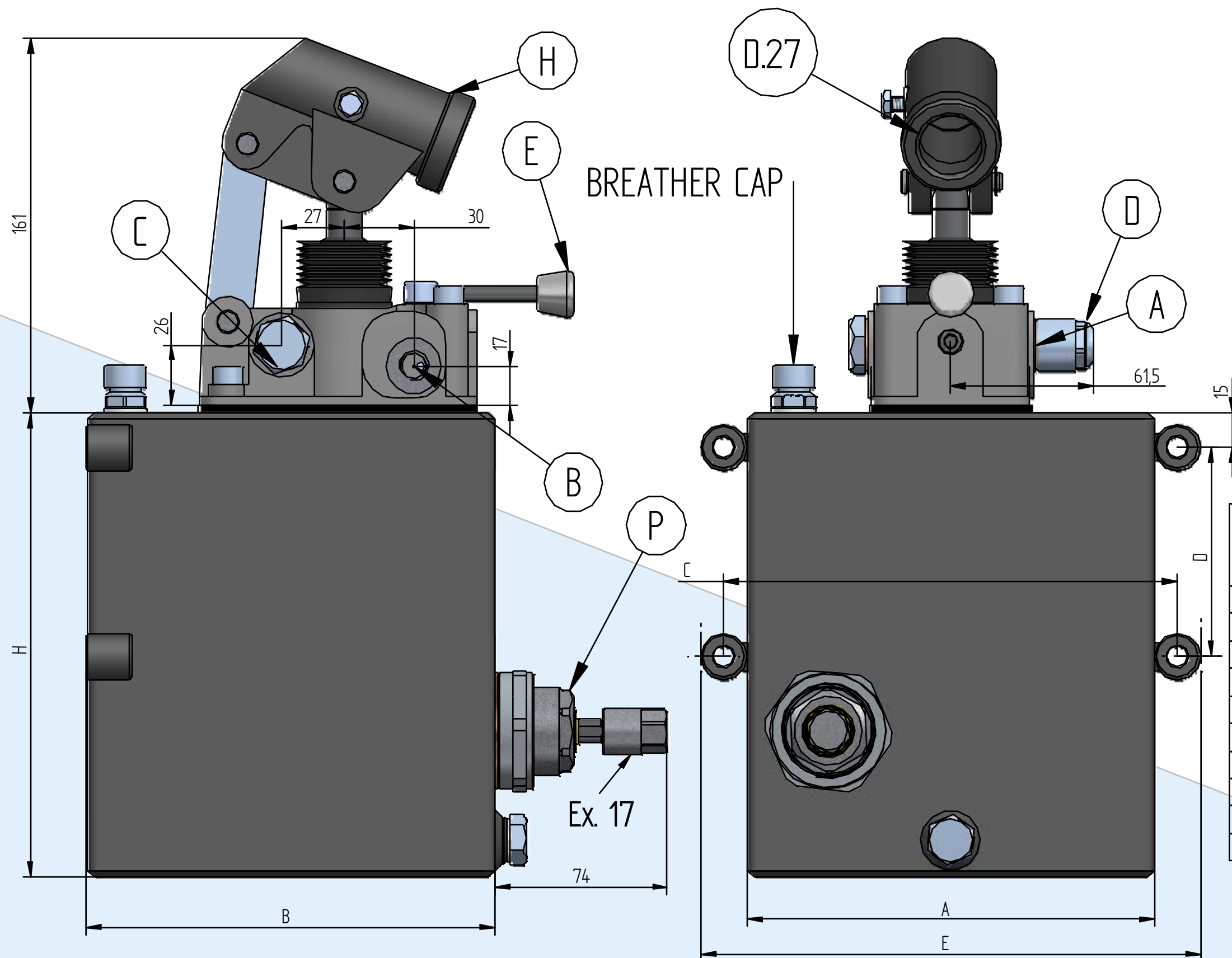
For double acting cylinder
with oil tank



For double acting cylinder
Per cilindro a doppio effetto



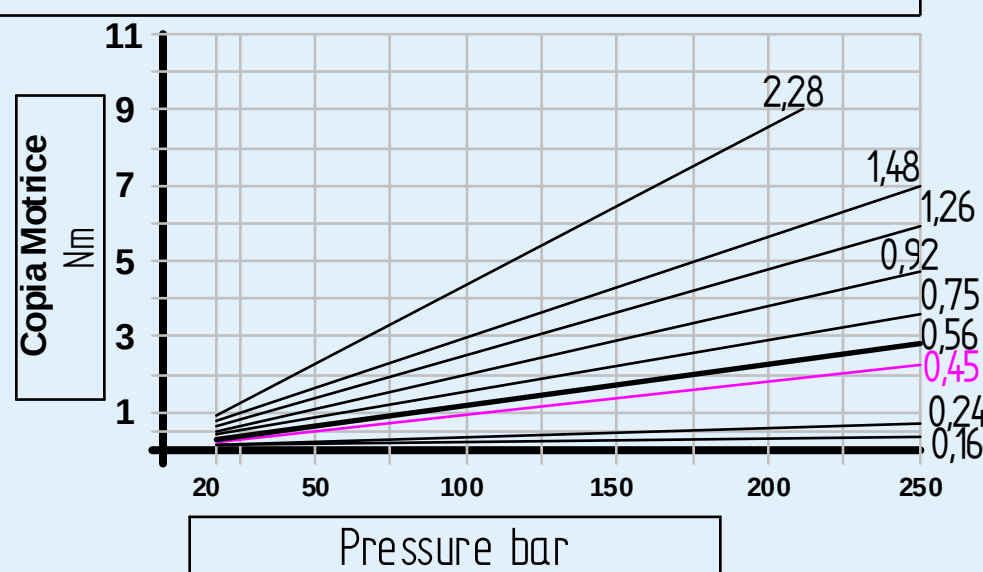
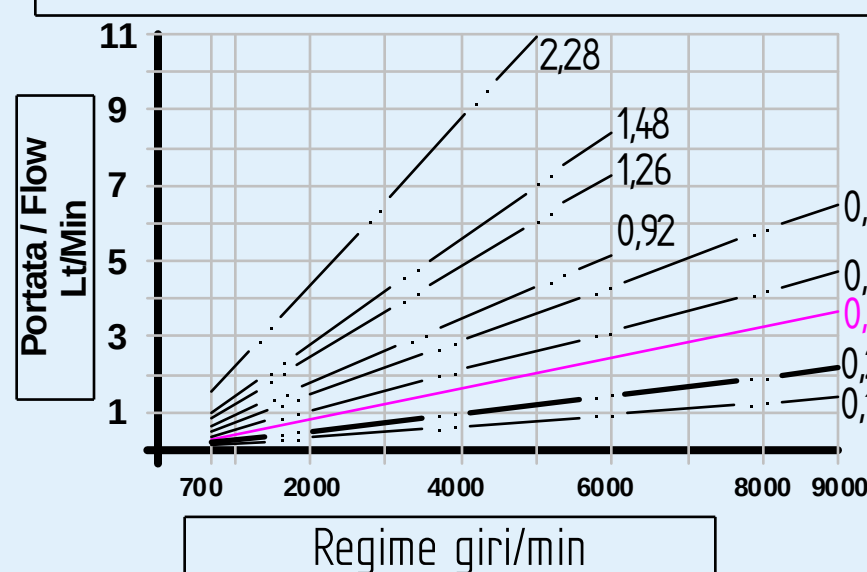
A	1/4 gas
B	1/4 gas
C	3/8 gas
D	Relief valve



Oil Tank	SR 03 FE	SR 05 FE	SR 07 FE	SR 10 FE
Capacità - Tank capacity (litres)	3	5	7	10
Tappo sfiato - Breather cap	X	X	X	X
Ferro verniciato - Painted iron	X	X	X	X
A (mm)	100	175	175	175
B (mm)	150	175	175	175
C (mm)	120	195	195	195
D (mm)	90	90	90	90
E (mm)	140	215	215	215
H (mm)	245	200	269	376
Peso - Weight (Kg)	2,5	4,5	5,4	6,8

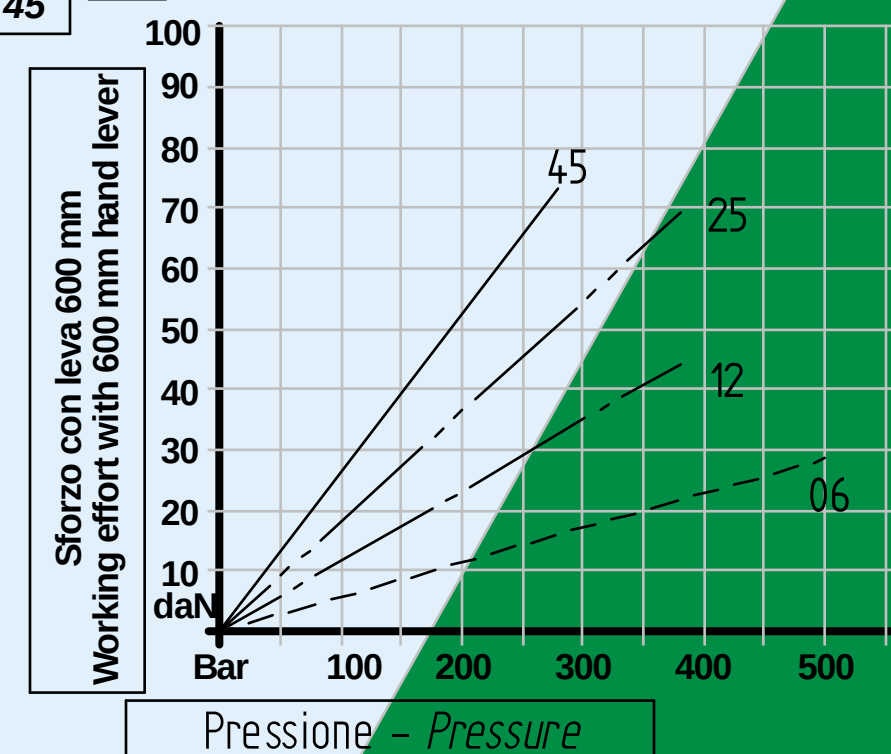
Total Weight Kg
5,7 + Weight of oil tank

Pompa ad ingranaggi - Gear pump



Coppia di serraggio vite con rivetto: 8/10 Nm
Torque of fastened screw: 8/10 Nm

06
12
25
45
Diagramma prove di carico
Load curve



Codice di ordinazione - Ordering code

ZES	Option 1	017	DE	Option 2	06	SR	Option 3	03
		025			12			05
		045			25			07
		057						10
		076						
		098						
		127						
		152						
		230						

Option 1 cc Gear pump	
017	0,16 cc
025	0,24 cc
045	0,45 cc - Standard Version
057	0,56 cc
076	0,75 cc
098	0,92 cc
127	1,26 cc
152	1,48 cc
230	2,28 cc

Option 2 cc Hand pump	
6	6 cc
12	12,5 cc
25	19,5 cc - Standard Version
45	28 cc

Option 3 Lt Oil Tank	
SR03	3
SR05	5
SR07	7
SR10	10

Taratura valvola di massima pressione - Comunque non oltre la pressione massima della pompa.
Relief valve setting - However not over the pumps' max pressure
min - max (bar) 30 - (...)

Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
6	400	017	0,16	260	700	9.000
12,5	320	025	0,24	260	700	9.000
19,4	300	045	0,45	280	700	9.000
28	250	057	0,56	280	700	9.000
		076	0,75	280	700	9.000
		098	0,92	280	700	6.000
		127	1,26	280	700	6.000
		152	1,48	280	700	6.000
		230	2,28	210	700	5.000

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C.F. - P.I.: IT01808760357

L'azienda si riserva di apportare modifiche in qualsiasi momento e senza preavviso.
Technical data not binding. Modifications reserved without prior notice.

ZES

Sistema pompante a "sforzo zero"

"Zero Effort System"



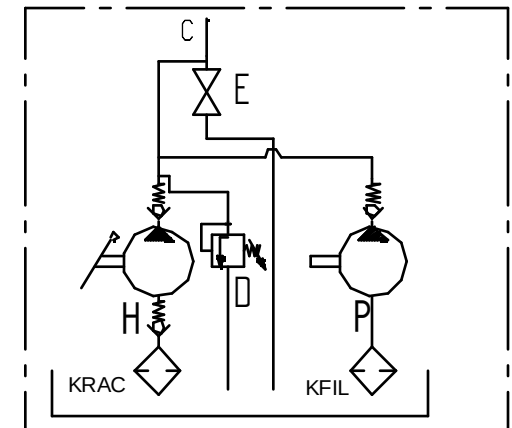
SE_SR

Clockwise rotation

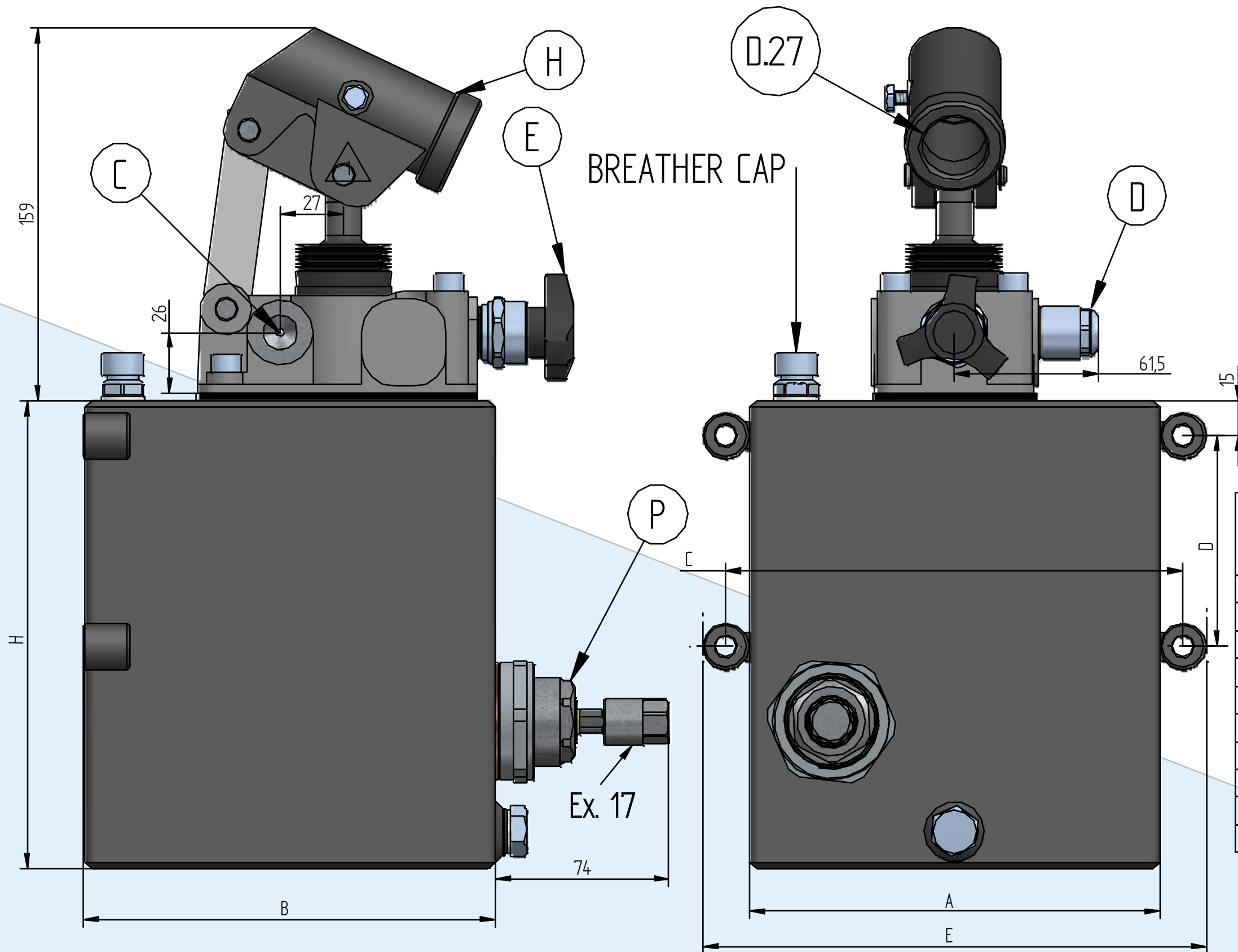
Rotazione oraria

For single acting cylinder
with oil tank

For single acting cylinder
Per cilindro a semplice effetto



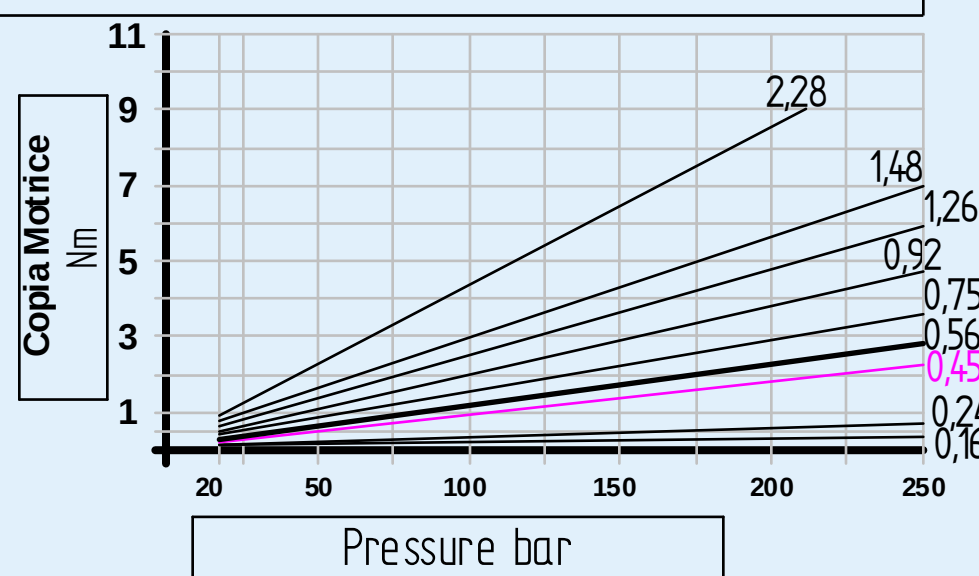
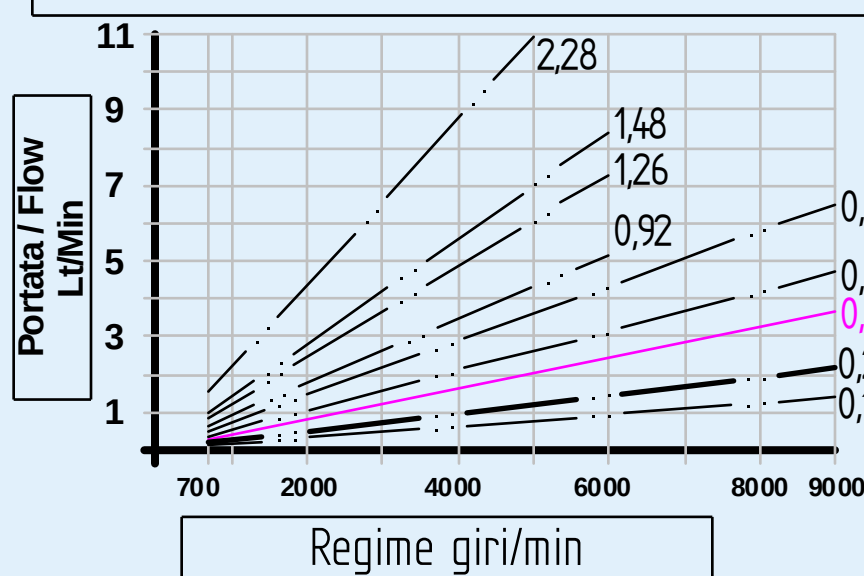
C	3/8 gas
D	Relief valve



Oil Tank	SR 03 FE	SR 05 FE	SR 07 FE	SR 10 FE
Capacità - Tank capacity (litres)	3	5	7	10
Tappo sfiato - Breather cap	X	X	X	X
Ferro verniciato - Painted iron	X	X	X	X
A (mm)	100	175	175	175
B (mm)	150	175	175	175
C (mm)	120	195	195	195
D (mm)	90	90	90	90
E (mm)	140	215	215	215
H (mm)	245	200	269	376
Peso - Weight (Kg)	2,5	4,5	5,4	6,8

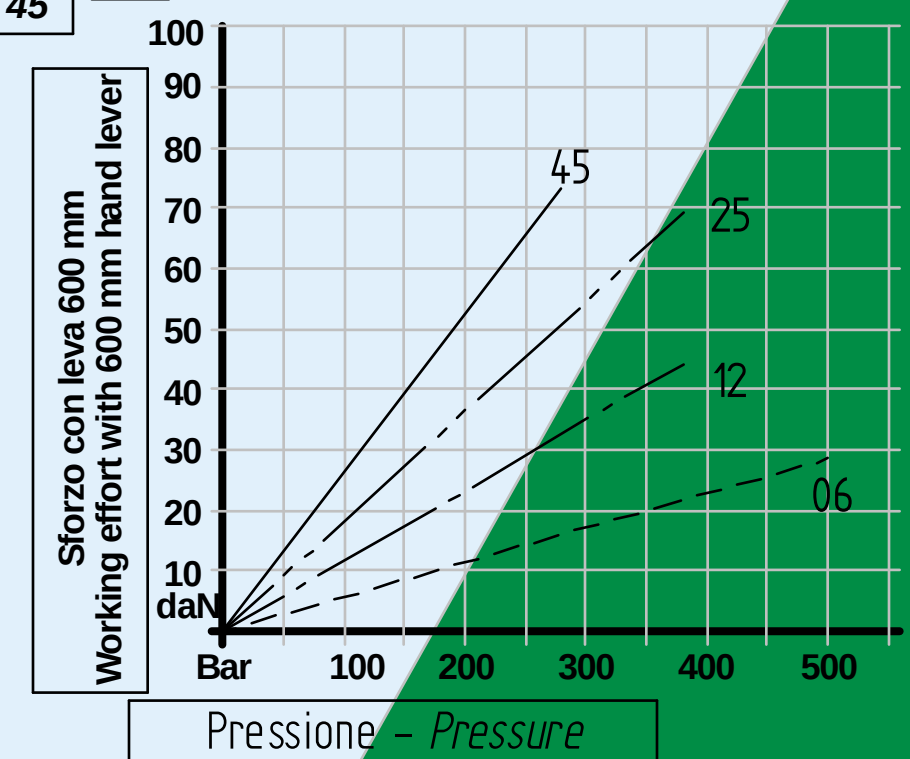
Total Weight Kg
5,7 + Weight of oil tank

Pompa ad ingranaggi - Gear pump



Coppia di serraggio vite con rivetto: 8/10 Nm
Torque of fastened screw: 8/10 Nm

Diagramma prove di carico Load curve



Codice di ordinazione - Ordering code

ZES	Option 1	SE	Option 2	SR	Option 3
	017		06		03
	025		12		05
	045		25		07
	057		45		10
	076				
	098				
	127				
	152				
	230				

Option 1 cc Gear pump	
017	0.16 cc
025	0.24 cc
045	0.45 cc - Standard Version
057	0.56 cc
076	0.75 cc
098	0.92 cc
127	1.26 cc
152	1.48 cc
230	2.28 cc

Option 2 cc Hand pump	
6	6 cc
12	12,5 cc
25	19,5 cc - Standard Version
45	28 cc

Option 3 Lt Oil Tank	
SR03	3
SR05	5
SR07	7
SR10	10

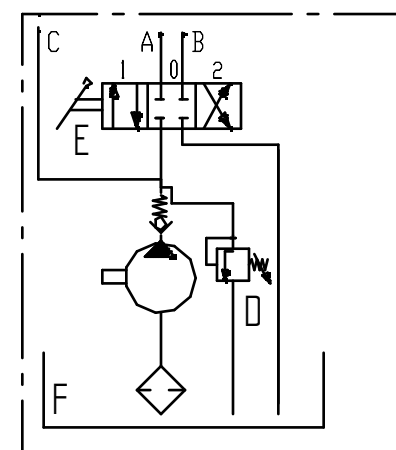
Taratura valvola di massima pressione - Comunque non oltre la pressione massima della pompa.
Relief valve setting - However not over the pumps' max pressure
min - max (bar) 30 - (...)

Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
6	400	017	0.16	260	700	9000
12,5	320	025	0.24	260	700	9000
19,4	300	045	0.45	280	700	9000
28	250	057	0.56	280	700	9000
		076	0.75	280	700	9000
		098	0.92	280	700	6000
		127	1.26	280	700	6000
		152	1.48	280	700	6000
		230	2.28	210	700	5000

Clockwise rotation
Rotazione oraria

For double acting cylinder
with oil tank

For double acting cylinder
Per cilindro a doppio effetto



A	1/4 gas
B	1/4 gas
C	3/8 gas
D	Relief valve
F	Oil Tank
H	Breather cap

Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
017	0,16	260	700	9.000
025	0,24	260	700	9.000
045	0,45	280	700	9.000
057	0,56	280	700	9.000
076	0,75	280	700	9.000
098	0,92	280	700	6.000
127	1,26	280	700	6.000
152	1,48	280	700	6.000
230	2,28	210	700	5.000
Peso/Weight		3,3 Kg		

Taratura valvola di massima pressione - Comunque non oltre la pressione massima della pompa.
Relief valve setting - However not over the pump's max pressure
min - max (bar) 30 - (...)

Codice di ordinazione
Ordering code

ZES Option 1 DE Option 2

Option 1

cc Gear pump

Option 2

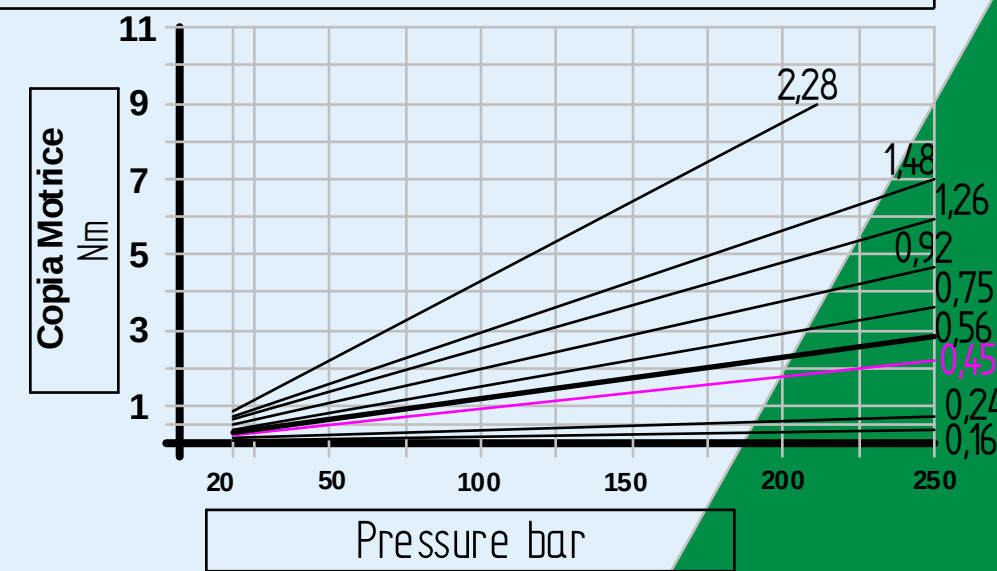
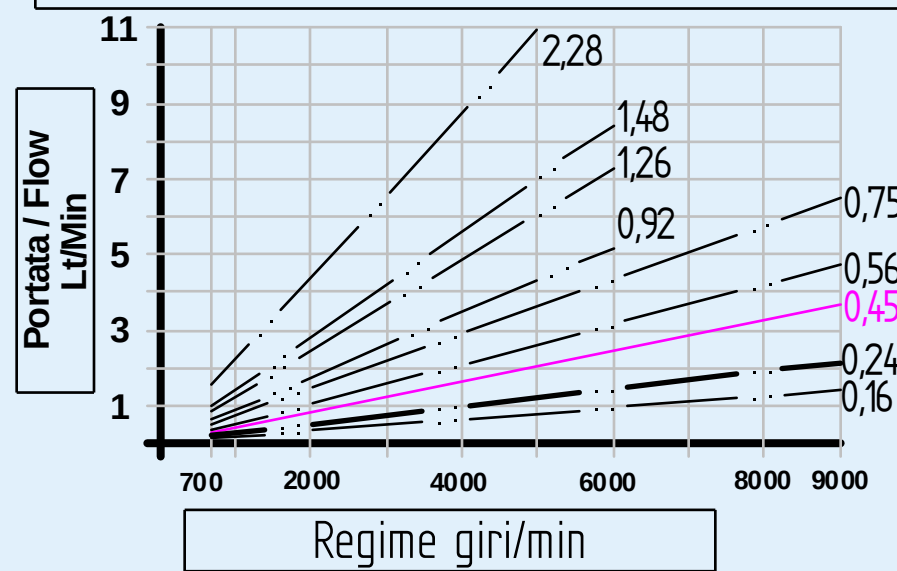
Oil Tank

017	0,16 cc
025	0,24 cc
045	0,45 cc - Standard Version
057	0,56 cc
076	0,75 cc
098	0,92 cc
127	1,26 cc
152	1,48 cc
230	2,28 cc

Total Weight Kg
3,3 + Weight of oil tank

Coppia di serraggio vite con rivetto: 8/10 Nm
Torque of fastened screw: 8/10 Nm

Pompa ad ingranaggi - Gear pump



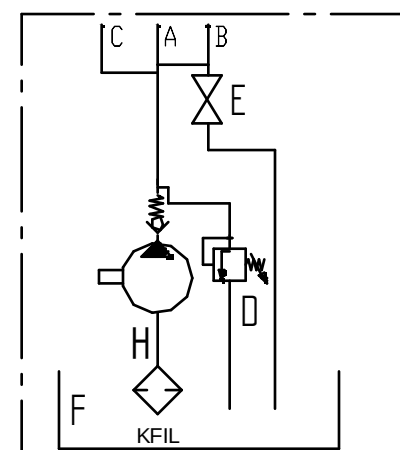
Option 2

	SR 01	SR 02	SR 03	SR 05	SR 07	SR 10	SR 02,5 -160	SR 04 -160	SR 06 -160	SR 08 -160	SR 02 -150	SR 03 -150	SR 05 -150	SR 07 -150	SR 10 -150	SR 01 ALO	SR 02 ALO	SR 03 ALO	SR 05 ALO
Capacità - Tank capacity (litres)	1	2	3	5	7	10	2,5	4	6	8	2	3	5	7	10	1	2	3	5
Spie livello olio - Oil level																x	x	x	x
Tappo sfiato - Breather cap	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Alluminio - Aluminium																x	x	x	x
Ferro verniciato - Painted iron	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
A (mm)	100	100	100	175	175	175	160	160	160	160	150	150	150	150	150	132	174	174	174
B (mm)	150	150	150	175	175	175	160	160	160	160	150	150	150	150	150	157	181	181	181
C (mm)	120	120	120	195	195	195	180	180	180	180	170	170	170	170	170	96	180	180	180
D (mm)	90	90	90	90	90	90	90	90	90	90	80	80	80	80	80	110	90	90	90
E (mm)	140	140	140	215	215	215	200	200	200	200	190	190	190	190	190	132	202	202	202
H (mm)	120	180	245	200	269	376	120	180	265	350	120	156	245	340	485	145	142	223	303
Peso - Weight (Kg)	2	2,2	2,5	4,5	5,4	6,8	2,9	3,9	5,0	6,2	2,6	3,1	4,3	5,6	7,6	1,3	1,7	1,9	2,4

Clockwise rotation
Rotazione oraria

C Pressure Gauge plug

For single acting cylinder
Per cilindro a semplice effetto



A	1/4 gas
B	1/4 gas
C	3/8 gas
D	Relief valve
F	Oil Tank
H	Breather cap

Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
017	0,16	260	700	9.000
025	0,24	260	700	9.000
045	0,45	280	700	9.000
057	0,56	280	700	9.000
076	0,75	280	700	9.000
098	0,92	280	700	6.000
127	1,26	280	700	6.000
152	1,48	280	700	6.000
230	2,28	210	700	5.000
Peso/Weight		3,3 Kg		

Taratura valvola di massima pressione - Comunque non oltre la pressione massima della pompa.
Relief valve setting - However not over the pump's max pressure
min - max (bar) 30 - (...)

Codice di ordinazione
Ordering code

ZES Option 1 SE Option 2

Option 1

cc Gear pump

Option 2

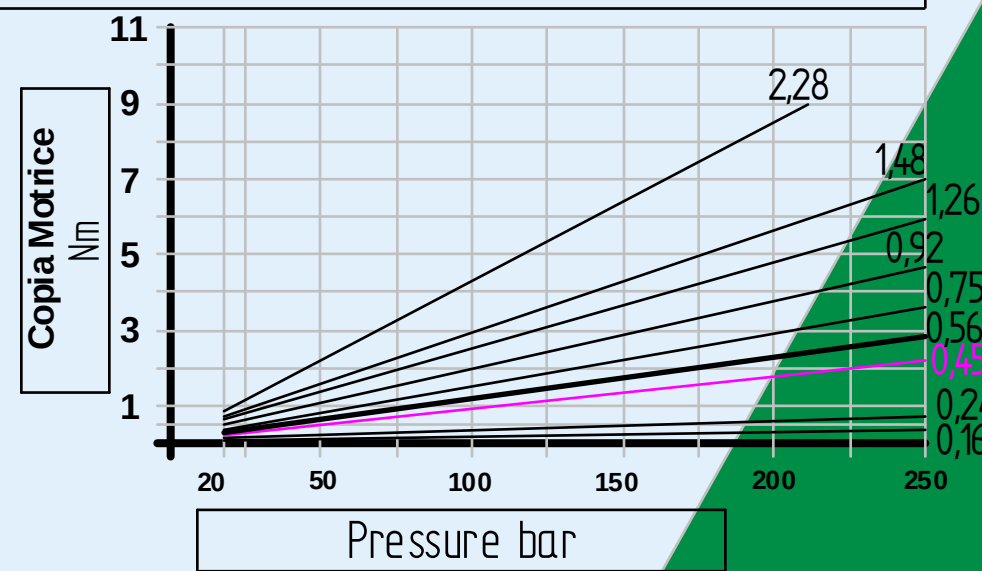
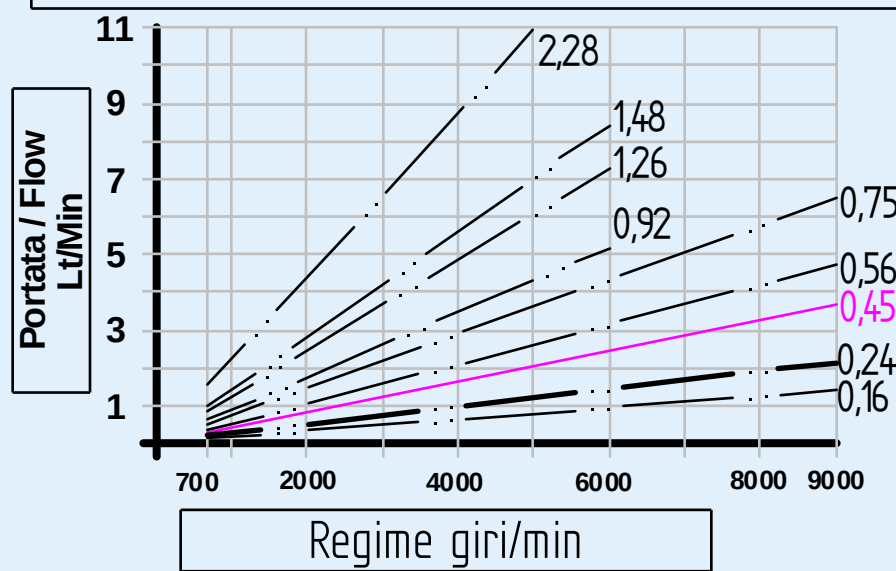
Oil Tank

017	0,16 cc
025	0,24 cc
045	0,45 cc - Standard Version
057	0,56 cc
076	0,75 cc
098	0,92 cc
127	1,26 cc
152	1,48 cc
230	2,28 cc

Total Weight Kg
3,3 + Weight of oil tank

Coppia di serraggio vite con rivetto: 8/10 Nm
Torque of fastened screw: 8/10 Nm

Pompa ad ingranaggi - Gear pump

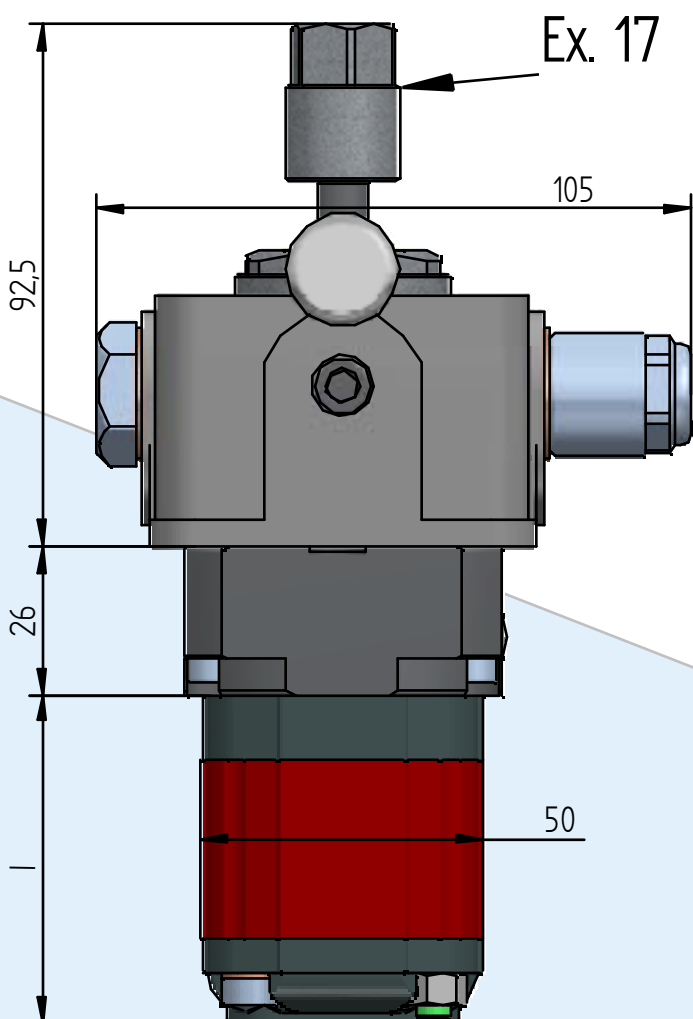


Option 2

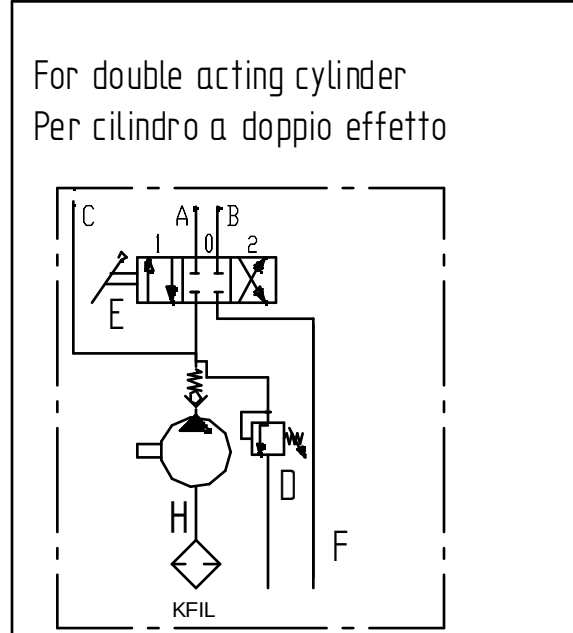
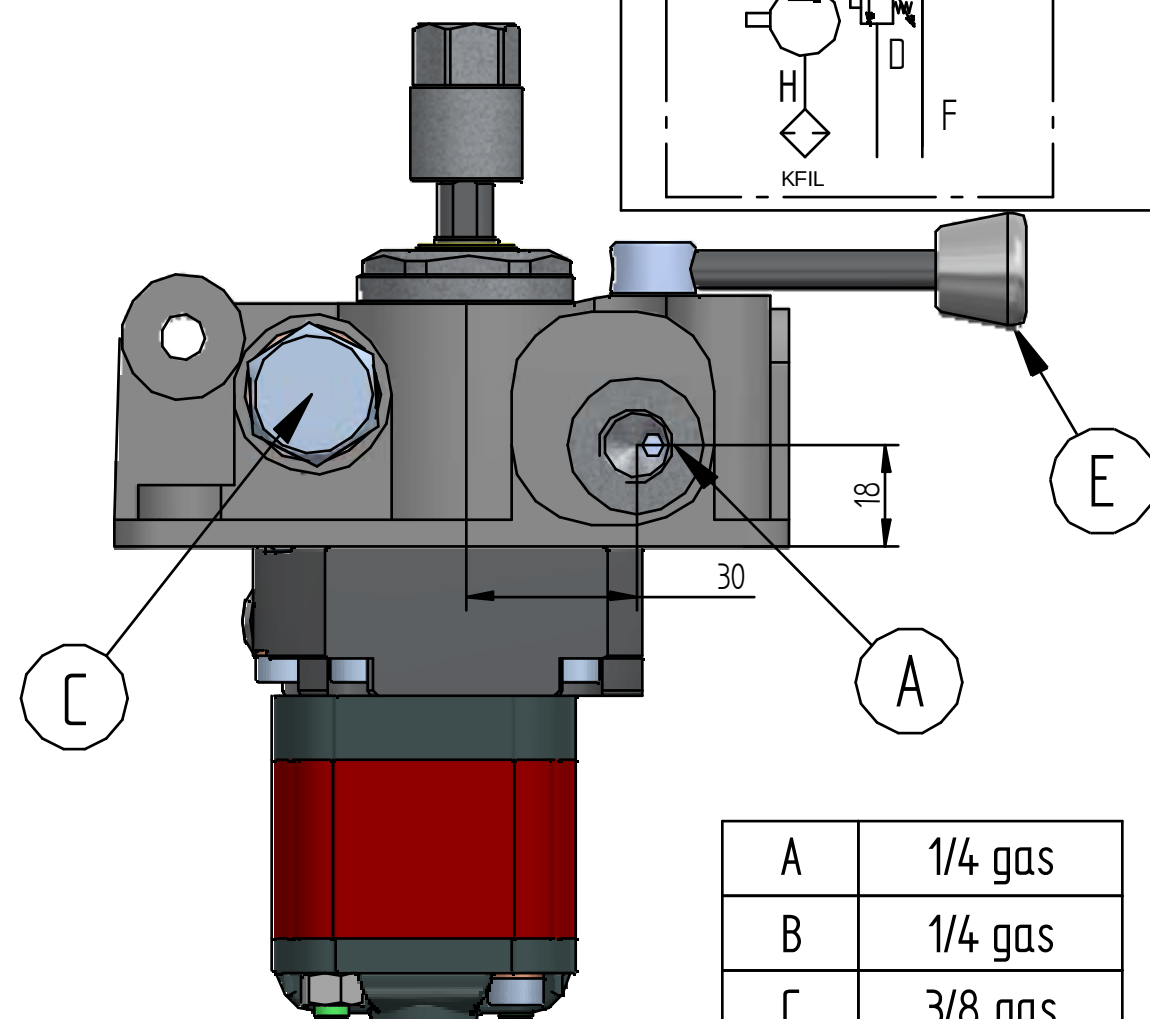
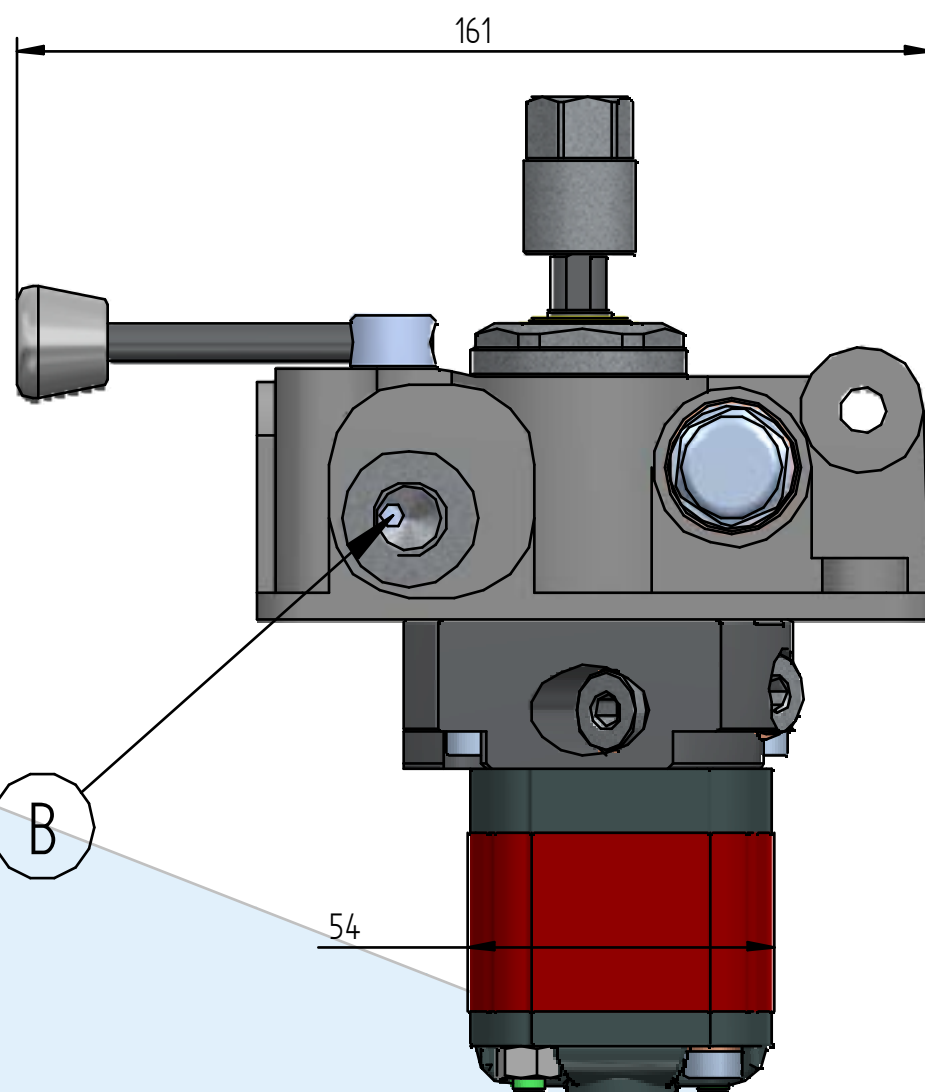
	SR 01	SR 02	SR 03	SR 05	SR 07	SR 10	SR 02,5 -160	SR 04 -160	SR 06 -160	SR 08 -160	SR 02 -150	SR 03 -150	SR 05 -150	SR 07 -150	SR 10 -150	SR 01 ALO	SR 02 ALO	SR 03 ALO	SR 05 ALO
Capacità - Tank capacity (litres)	1	2	3	5	7	10	2,5	4	6	8	2	3	5	7	10	1	2	3	5
Spie livello olio - Oil level																x	x	x	x
Tappo sfiato - Breather cap	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Alluminio - Aluminium																x	x	x	x
Ferro verniciato - Painted iron	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				
A (mm)	100	100	100	175	175	175	160	160	160	160	150	150	150	150	150	132	174	174	174
B (mm)	150	150	150	175	175	175	160	160	160	160	150	150	150	150	150	157	181	181	181
C (mm)	120	120	120	195	195	195	180	180	180	180	170	170	170	170	170	96	180	180	180
D (mm)	90	90	90	90	90	90	90	90	90	90	80	80	80	80	80	110	90	90	90
E (mm)	140	140	140	215	215	215	200	200	200	200	190	190	190	190	190	132	202	202	202
H (mm)	120	180	245	200	269	376	120	180	265	350	120	156	245	340	485	145	142	223	303
Peso - Weight (Kg)	2	2,2	2,5	4,5	5,4	6,8	2,9	3,9	5,0	6,2	2,6	3,1	4,3	5,6	7,6	1,3	1,7	1,9	2,4

For double acting cylinder
without oil tank

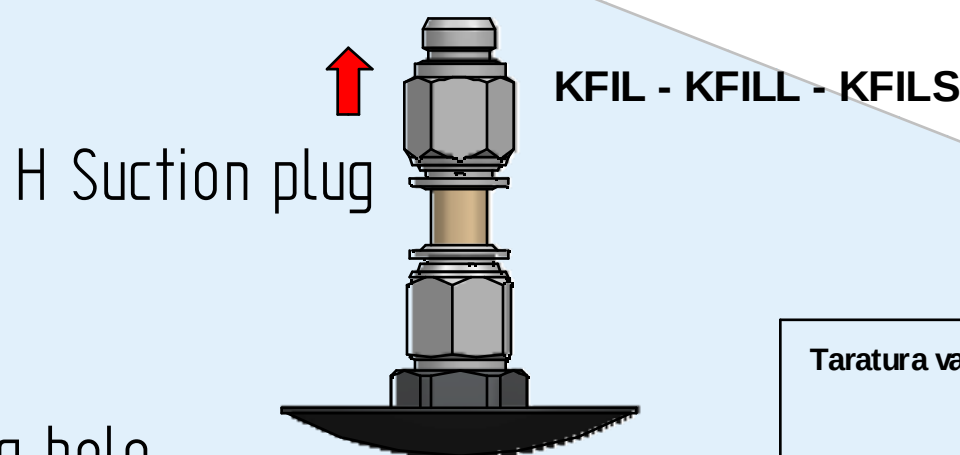
Clockwise rotation
Rotazione oraria



l: min 46,8 mm Max 63,5 mm



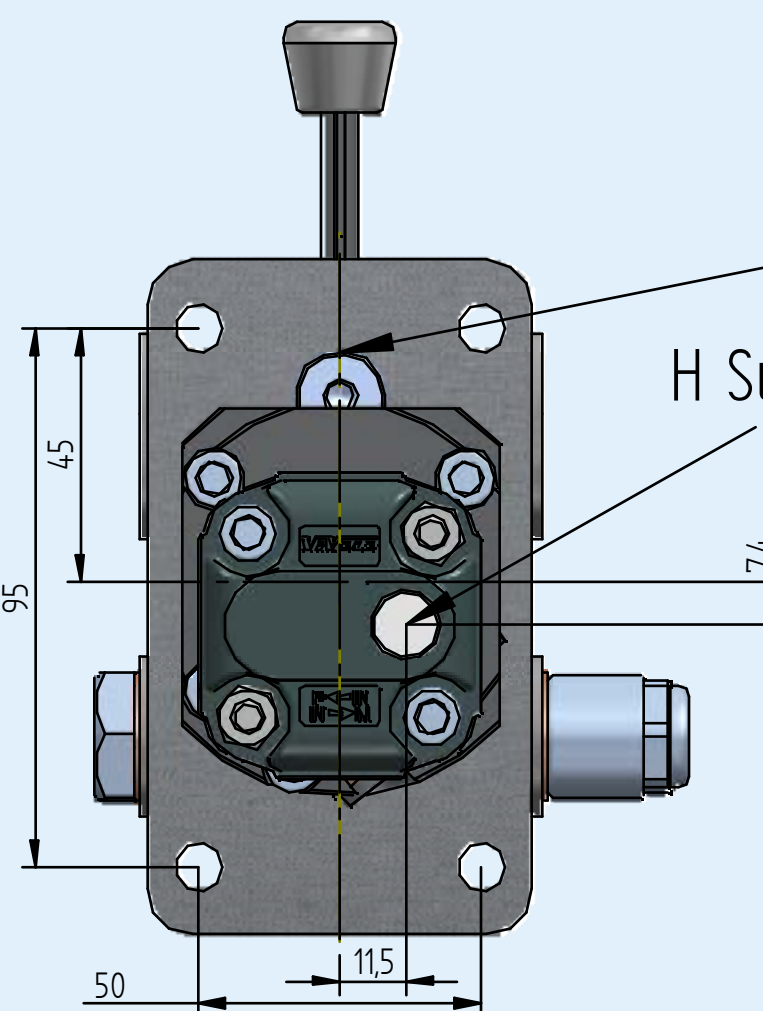
A	1/4 gas
B	1/4 gas
C	3/8 gas
D	Relief valve
F	Hole
H	1/4 gas



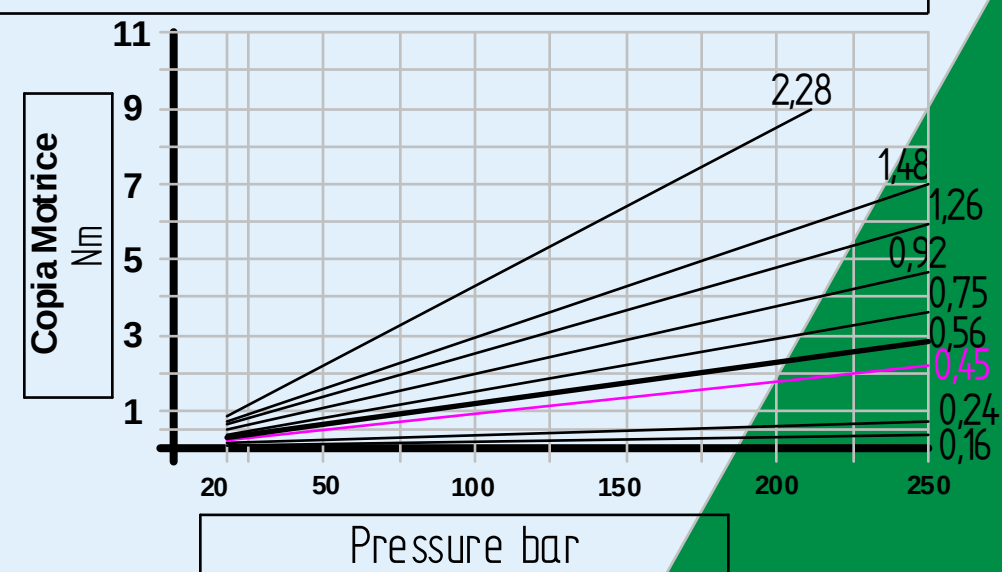
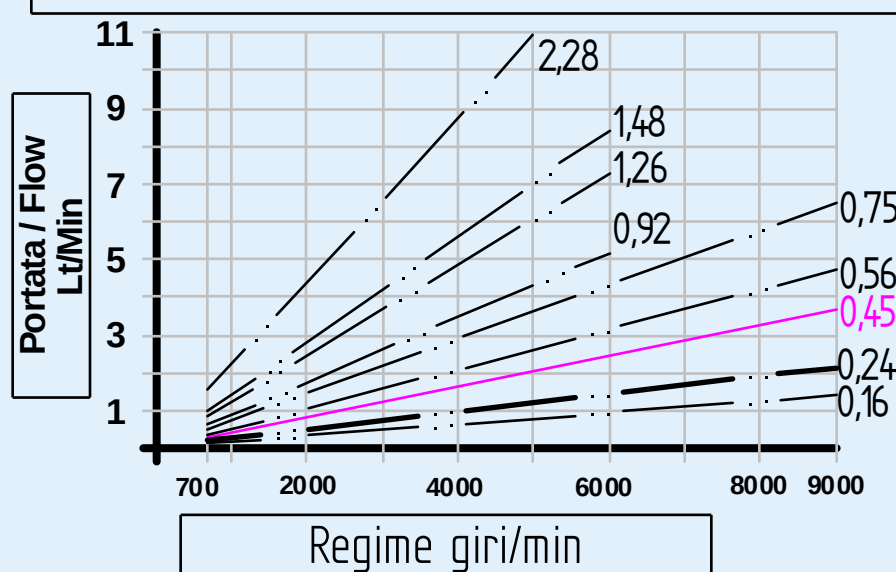
Taratura valvola di massima pressione - Comunque non oltre la pressione massima della pompa.
Relief valve setting - However not over the pump's max pressure
min - max (bar) 30 - (...)

F Discharging hole

H Suction plug



Pompa ad ingranaggi - Gear pump



Codice di ordinazione - Ordering code

ZES

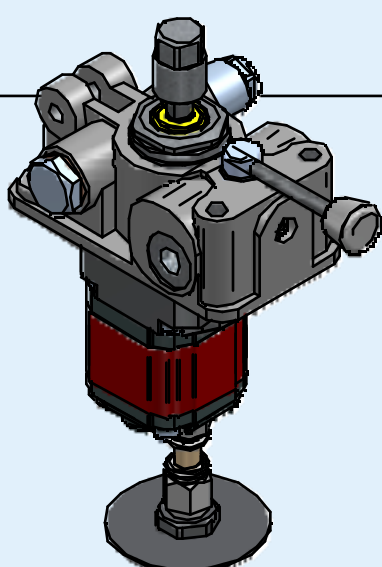
Option 1	017
	025
	045
	057
	076
	098
	127
	152
	230

DEB

Option 1

cc Gear pump

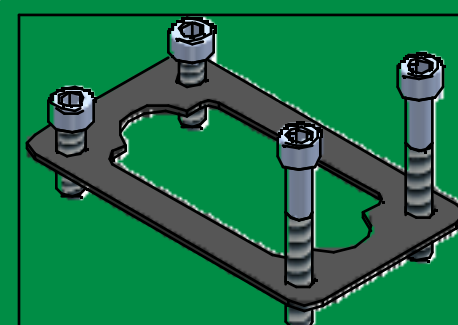
017	0,16 cc
025	0,24 cc
045	0,45 cc - Standard Version
057	0,56 cc
076	0,75 cc
098	0,92 cc
127	1,26 cc
152	1,48 cc
230	2,28 cc



Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
017	0,16	260	700	9.000
025	0,24	260	700	9.000
045	0,45	280	700	9.000
057	0,56	280	700	9.000
076	0,75	280	700	9.000
098	0,92	280	700	6.000
127	1,26	280	700	6.000
152	1,48	280	700	6.000
230	2,28	210	700	5.000
Peso/Weight		3,3 kg		

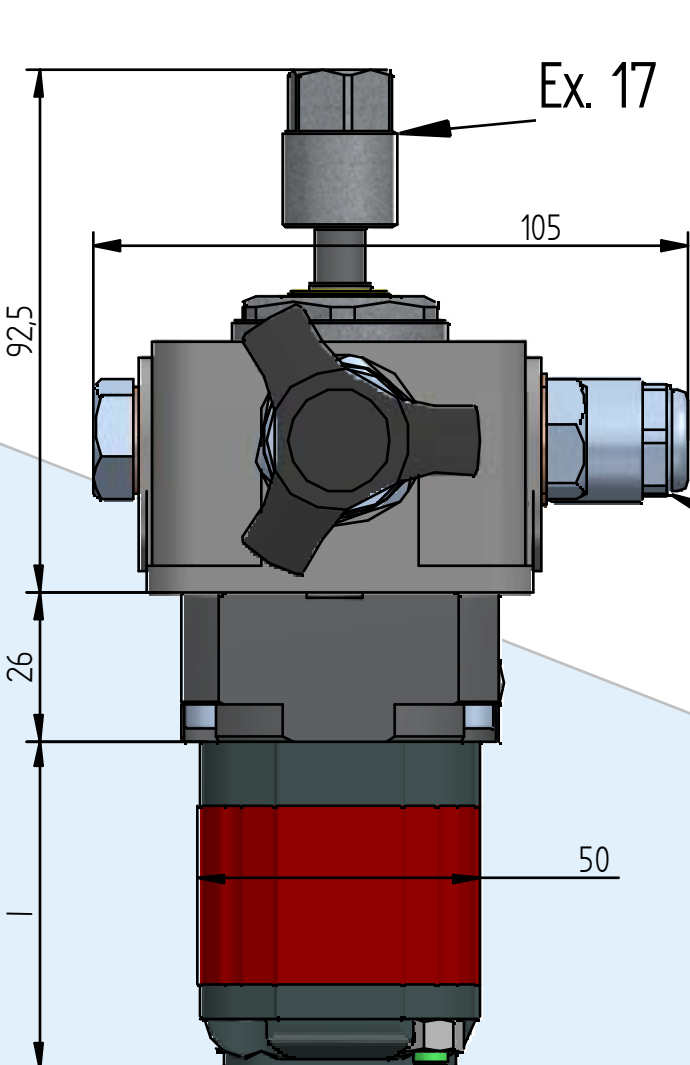
KFIL - KFIL - KFILLS

Filtro per aspirazione ordinabile separatamente
Suction filter can be ordered separately

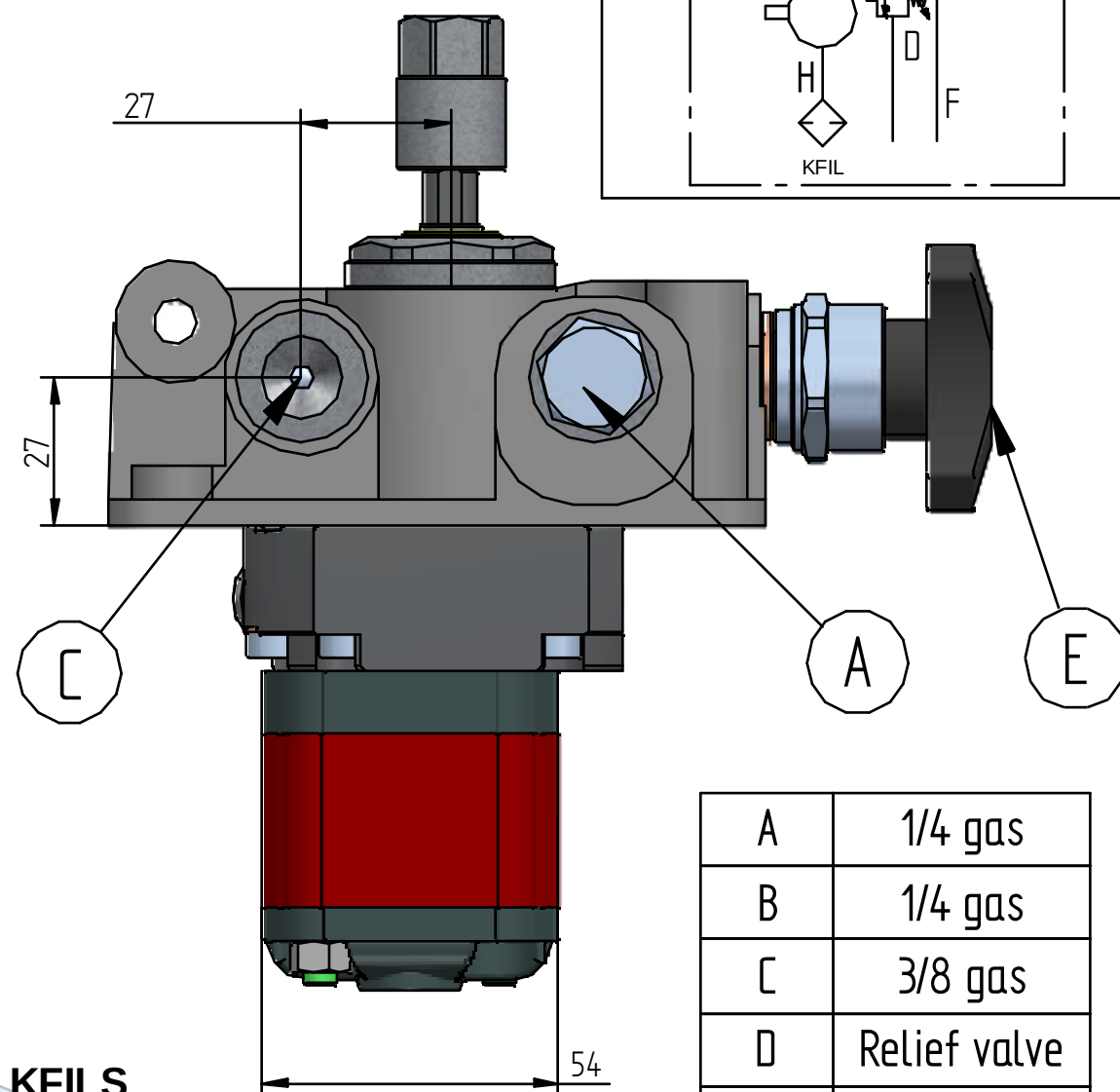
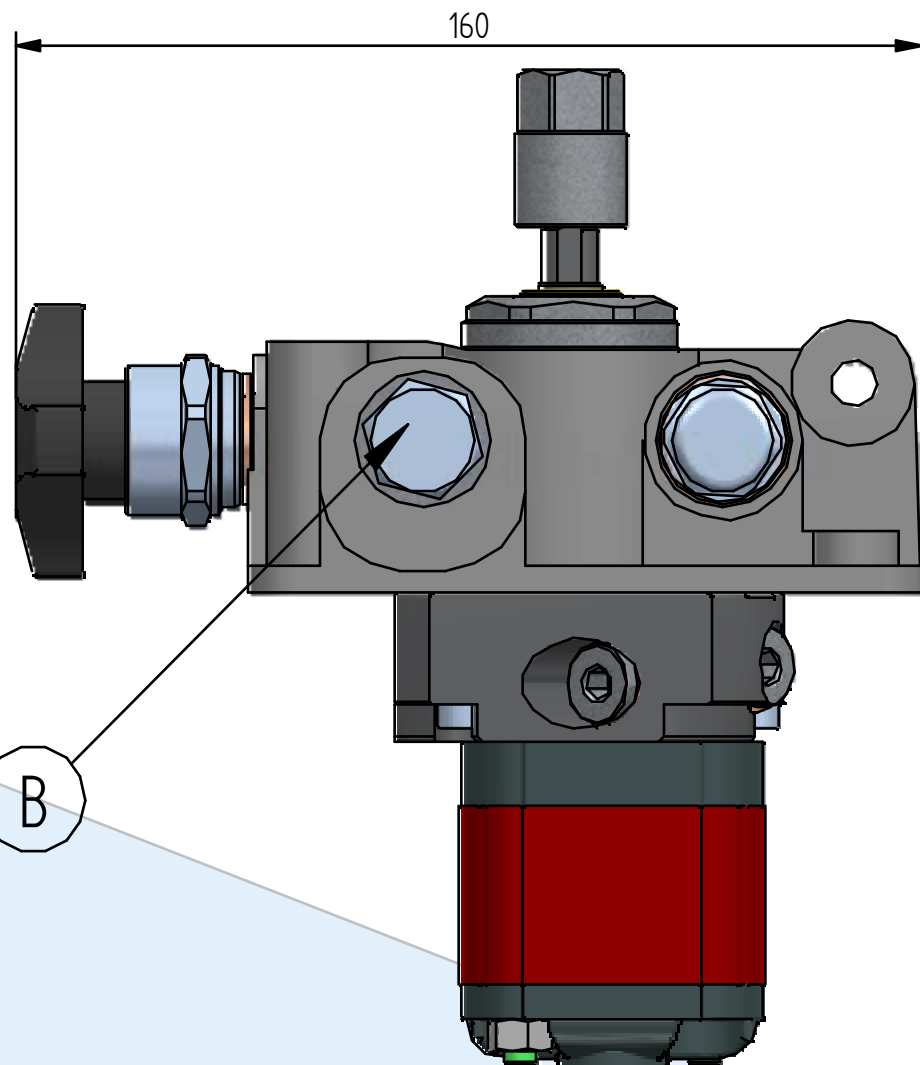


Kit di montaggio al serbatoio
-
Mounting kit to oil tank

Clockwise rotation
Rotazione oraria

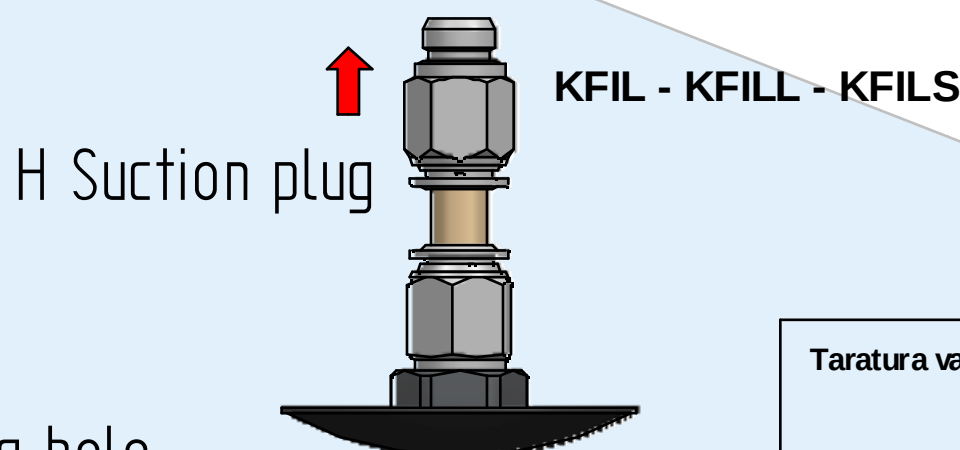
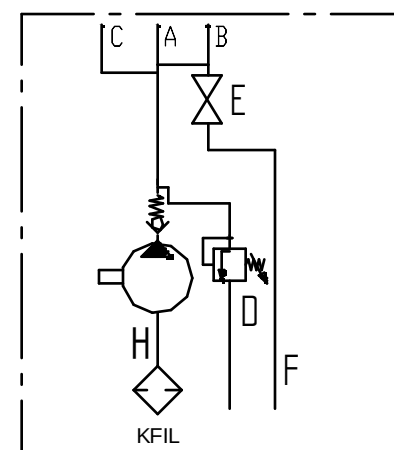


l: min 46,8 mm Max 63,5 mm



A	1/4 gas
B	1/4 gas
C	3/8 gas
D	Relief valve
F	Hole
H	1/4 gas

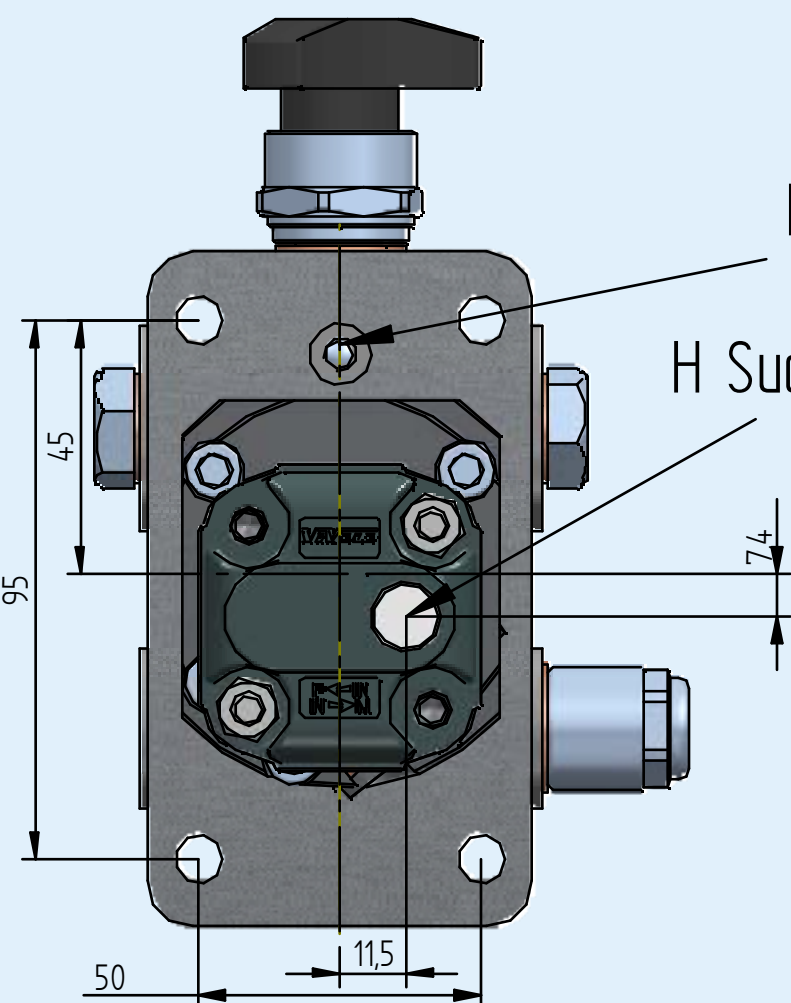
For single acting cylinder
Per cilindro a semplice effetto



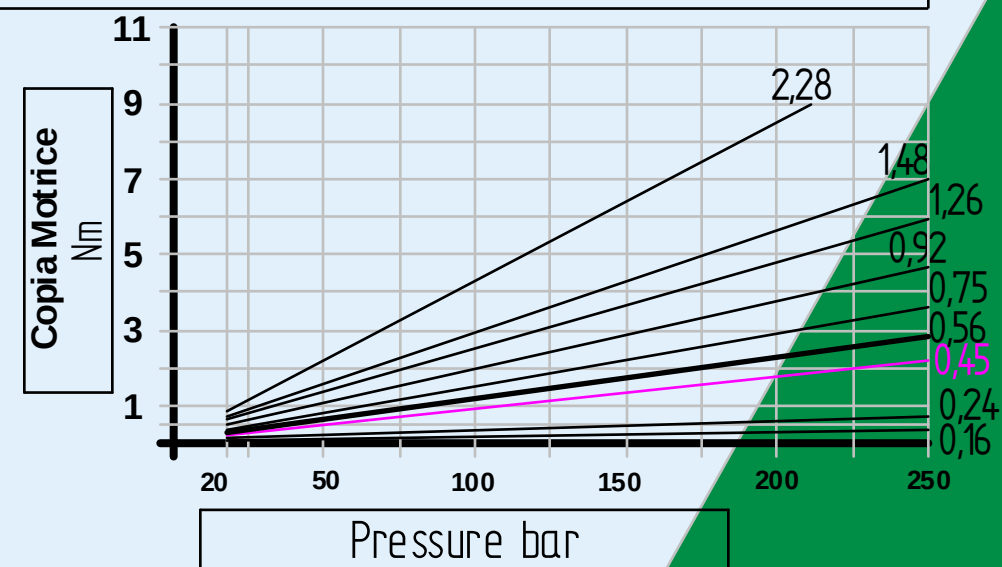
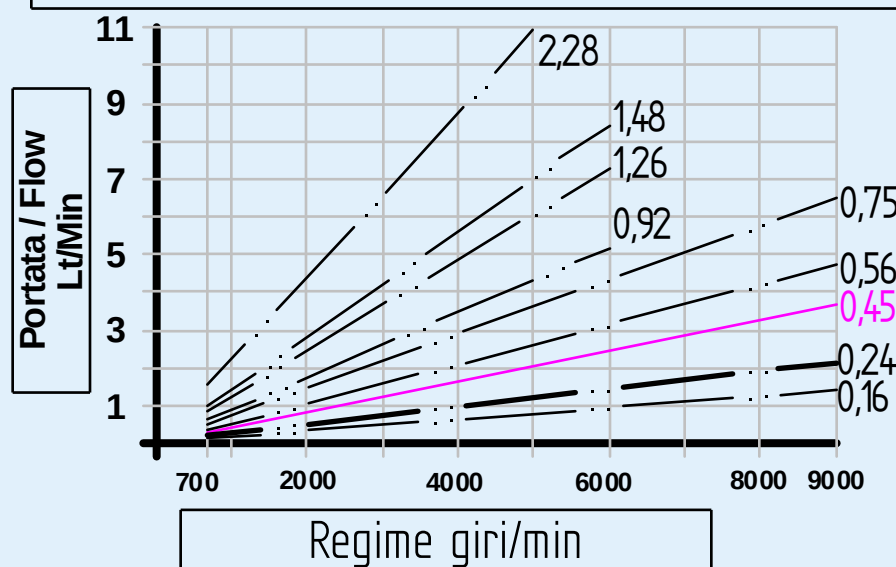
Taratura valvola di massima pressione - Comunque non oltre la pressione massima della pompa.
Relief valve setting - However not over the pump's max pressure
min - max (bar) 30 - (...)

F Discharging hole

H Suction plug



Pompa ad ingranaggi - Gear pump



Codice di ordinazione - Ordering code

ZES

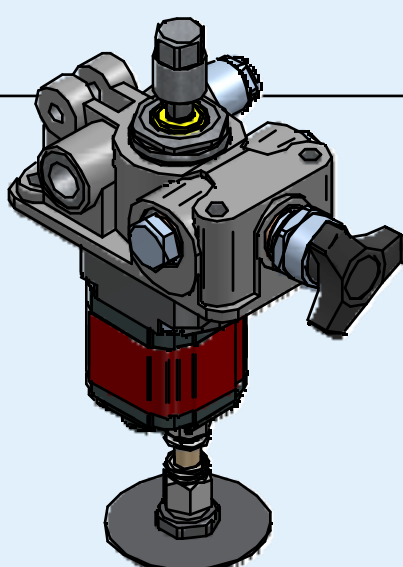
Option 1	017
	025
	045
	057
	076
	098
	127
	152
	230

SEB

Option 1

cc Gear pump

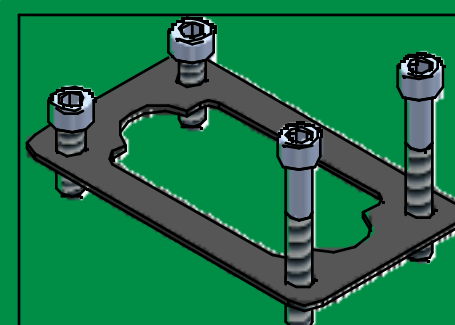
017	0,16 cc
025	0,24 cc
045	0,45 cc - Standard Version
057	0,56 cc
076	0,75 cc
098	0,92 cc
127	1,26 cc
152	1,48 cc
230	2,28 cc



Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
017	0,16	260	700	9.000
025	0,24	260	700	9.000
045	0,45	280	700	9.000
057	0,56	280	700	9.000
076	0,75	280	700	9.000
098	0,92	280	700	6.000
127	1,26	280	700	6.000
152	1,48	280	700	6.000
230	2,28	210	700	5.000
Peso/Weight		3,3 kg		

KFIL - KFILL - KFILS

Filtro per aspirazione ordinabile separatamente
Suction filter can be ordered separately

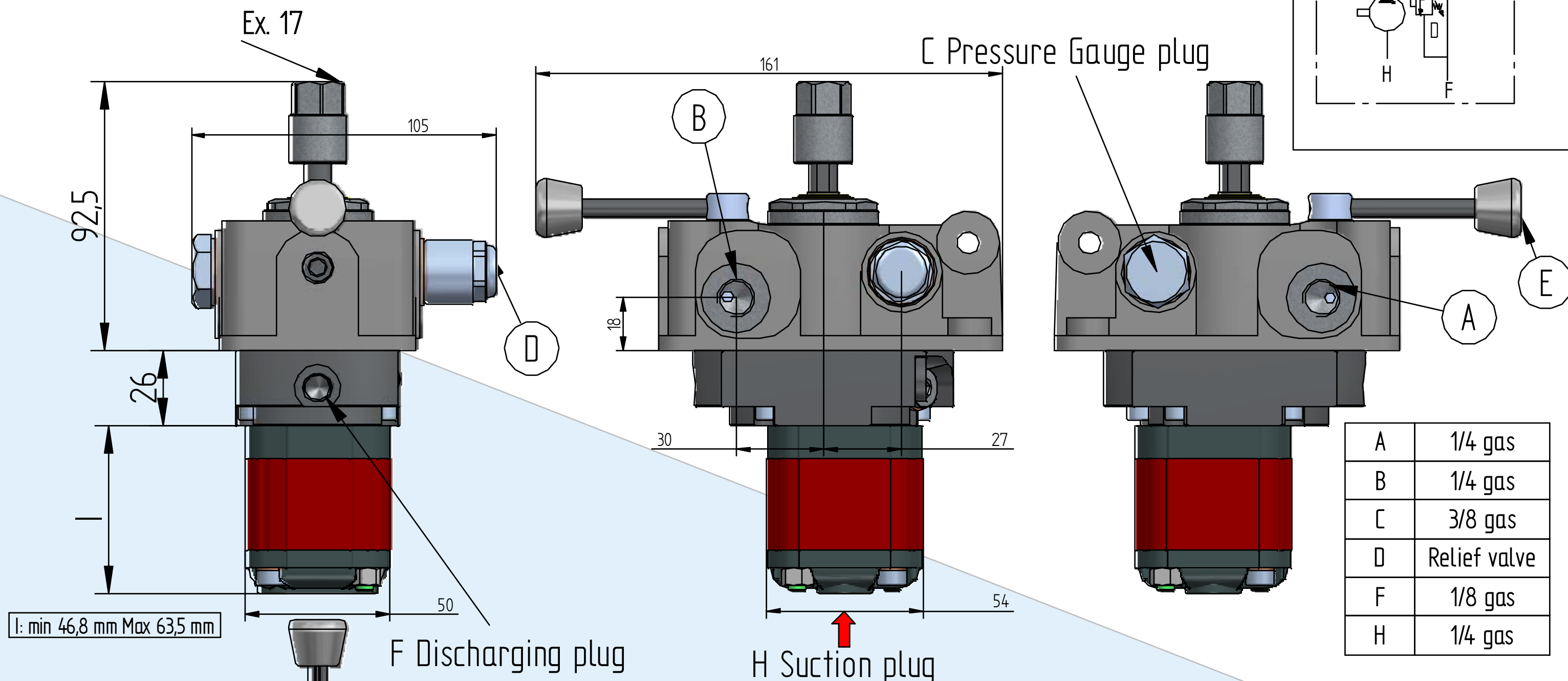
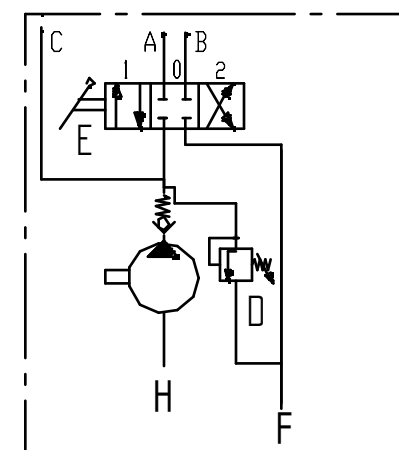


Kit di montaggio al serbatoio
-
Mounting kit to oil tank

Clockwise rotation
Rotazione oraria

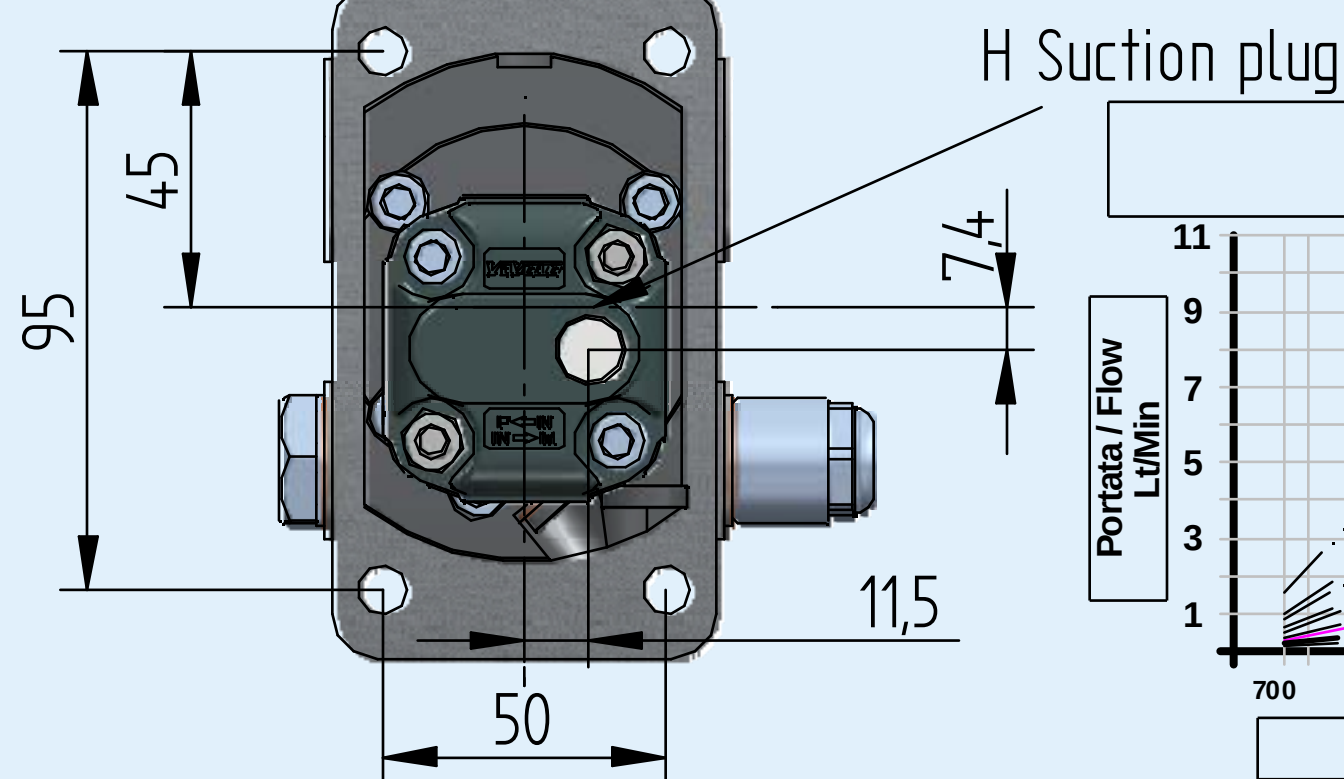
*For double acting cylinder
stand alone*

For double acting cylinder
Per cilindro a doppio effetto

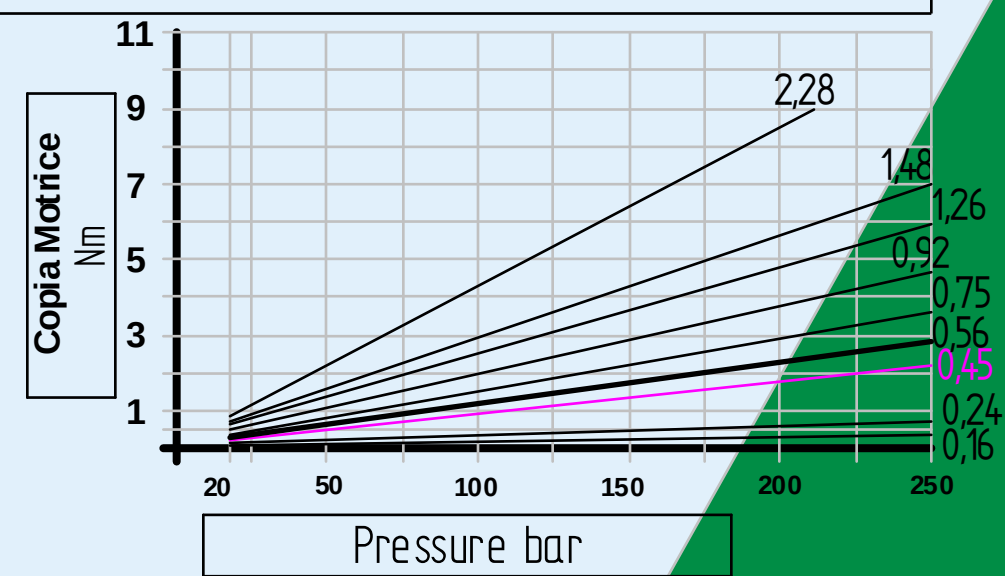
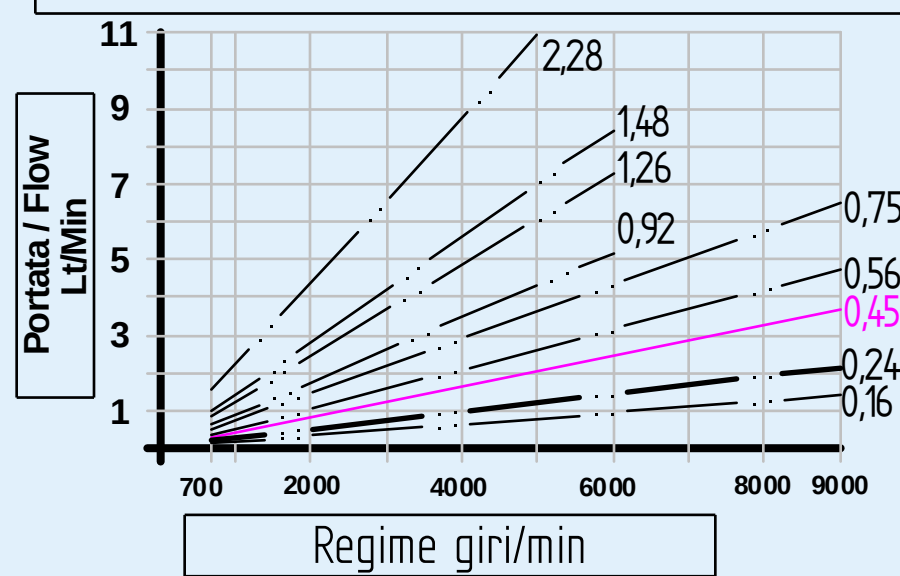


A	1/4 gas
B	1/4 gas
C	3/8 gas
D	Relief valve
F	1/8 gas
H	1/4 gas

Taratura valvola di massima pressione - Comunque non oltre la pressione massima della pompa.
Relief valve setting - However not over the pump's max pressure
min - max (bar) 30 - (...)



Pompa ad ingranaggi - Gear pump



Codice di ordinazione - Ordering code

ZES

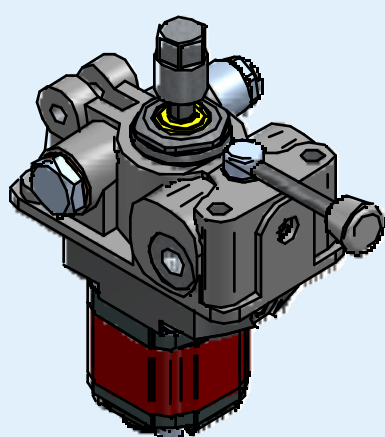
Option 1	017
	025
	045
	057
	076
	098
	127
	152
	230

DEBP

Option 1

cc Gear pump

017	0,16 cc
025	0,24 cc
045	0,45 cc - Standard Version
057	0,56 cc
076	0,75 cc
098	0,92 cc
127	1,26 cc
152	1,48 cc
230	2,28 cc

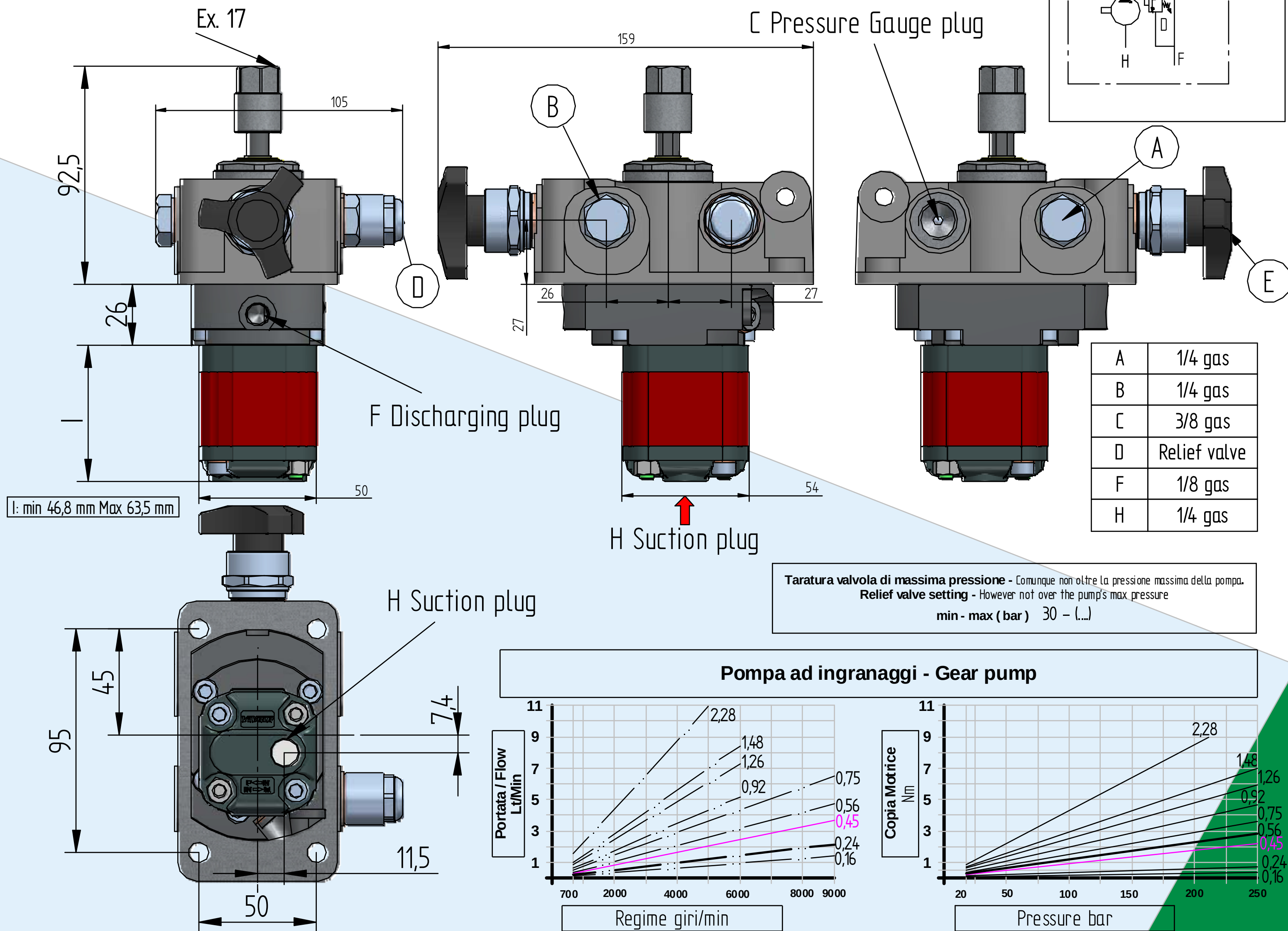
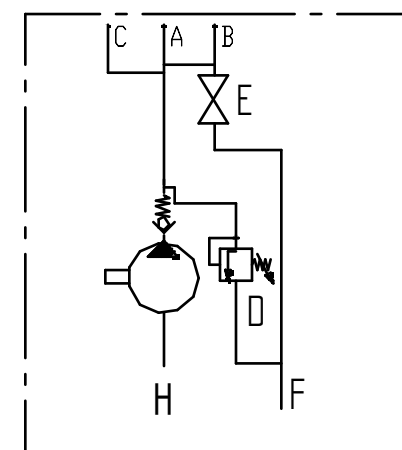


Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
017	0,16	260	700	9.000
025	0,24	260	700	9.000
045	0,45	280	700	9.000
057	0,56	280	700	9.000
076	0,75	280	700	9.000
098	0,92	280	700	6.000
127	1,26	280	700	6.000
152	1,48	280	700	6.000
230	2,28	210	700	5.000
Peso/Weight		3,3 kg		

Clockwise rotation
Rotazione oraria

*For single acting cylinder
stand alone*

For single acting cylinder
Per cilindro a semplice effetto



Codice di ordinazione - Ordering code

ZES

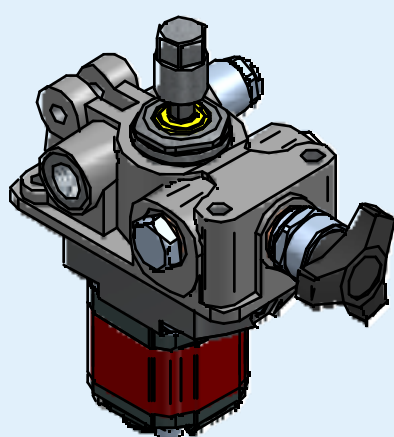
Option 1	017
	025
	045
	057
	076
	098
	127
	152
	230

SEBP

Option 1

cc Gear pump

017	0,16 cc
025	0,24 cc
045	0,45 cc - Standard Version
057	0,56 cc
076	0,75 cc
098	0,92 cc
127	1,26 cc
152	1,48 cc
230	2,28 cc



Type	Cilindrata Flow (cc)	Pressione massima Max pressure (bar)	rpm min.	rpm max.
017	0,16	260	700	9.000
025	0,24	260	700	9.000
045	0,45	280	700	9.000
057	0,56	280	700	9.000
076	0,75	280	700	9.000
098	0,92	280	700	6.000
127	1,26	280	700	6.000
152	1,48	280	700	6.000
230	2,28	210	700	5.000
Peso/Weight		3,3 kg		

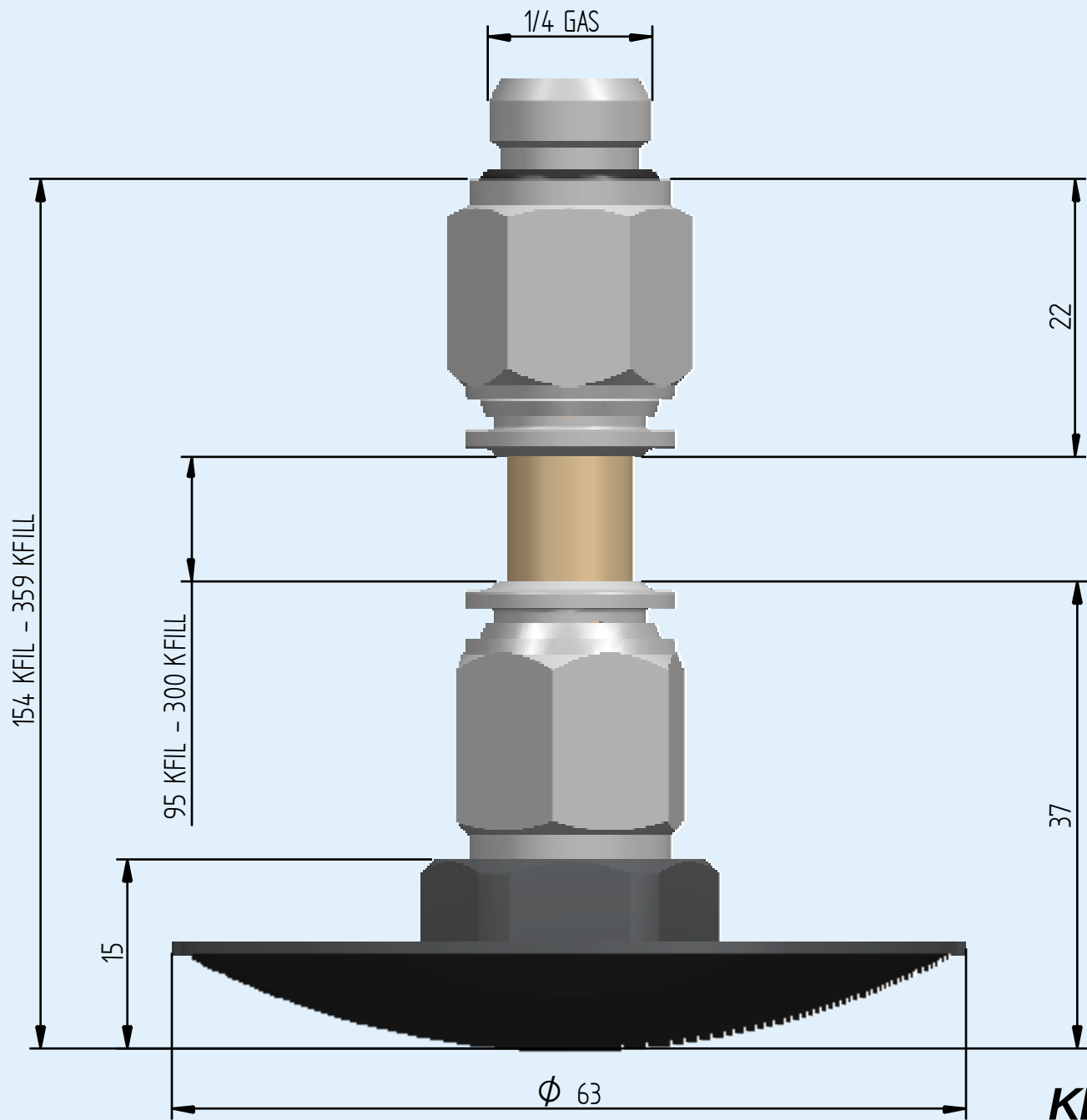
KFIL KRAC

Kit filtro aspirazione
Suction kit

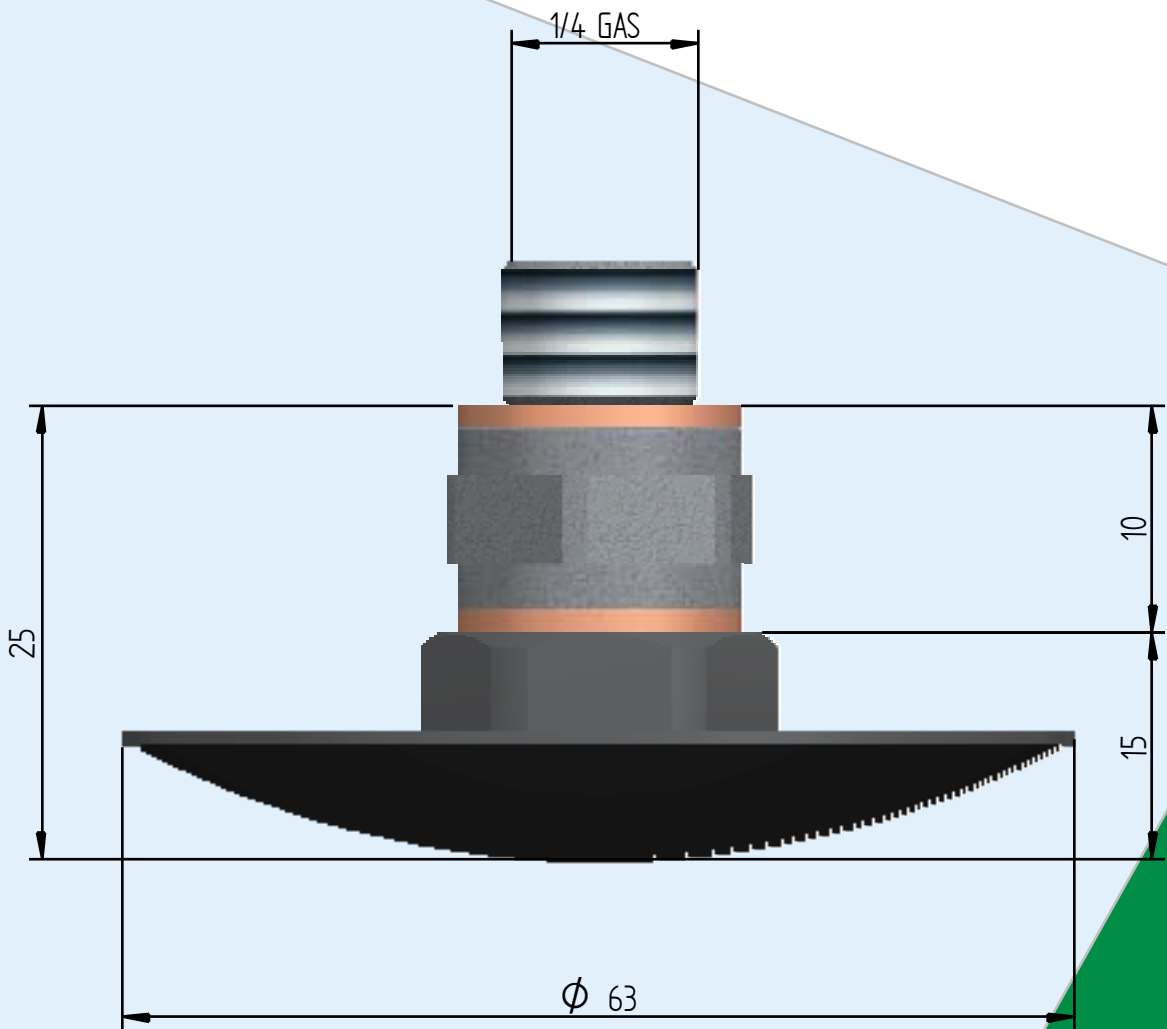


Codice / Code	KFIL	KFILS	KFILL	KRAC
Filtro / Filter (Micron)	90	90	90	520
Superficie filtrante / Filtering surface (mm2)	3000	3000	3000	415
Portata / Flow (Lt/Min)	7	7	7	2,5
Oil tank with measure H (mm) equal or less than 145 mm	NO	OK	NO	OK
Oil tank with measure H (mm) between 146 mm and 249 mm	OK	NO	NO	OK
Oil tank with measure H (mm) equal or more than 250 mm	NO	NO	OK	OK
Mounted with KCHP on oil tank	OK	NO	OK	OK

KFIL ~ KFILL

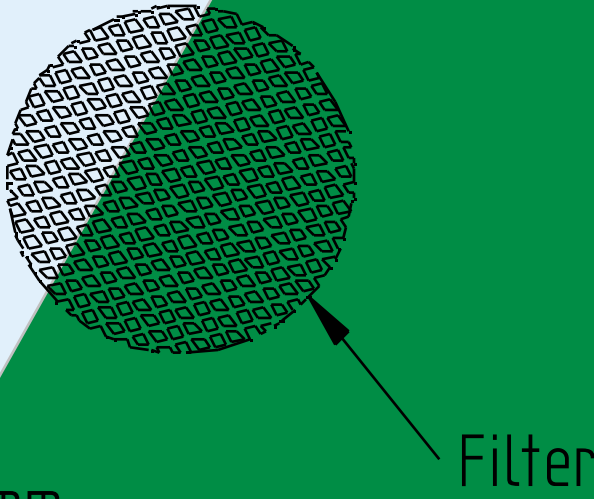
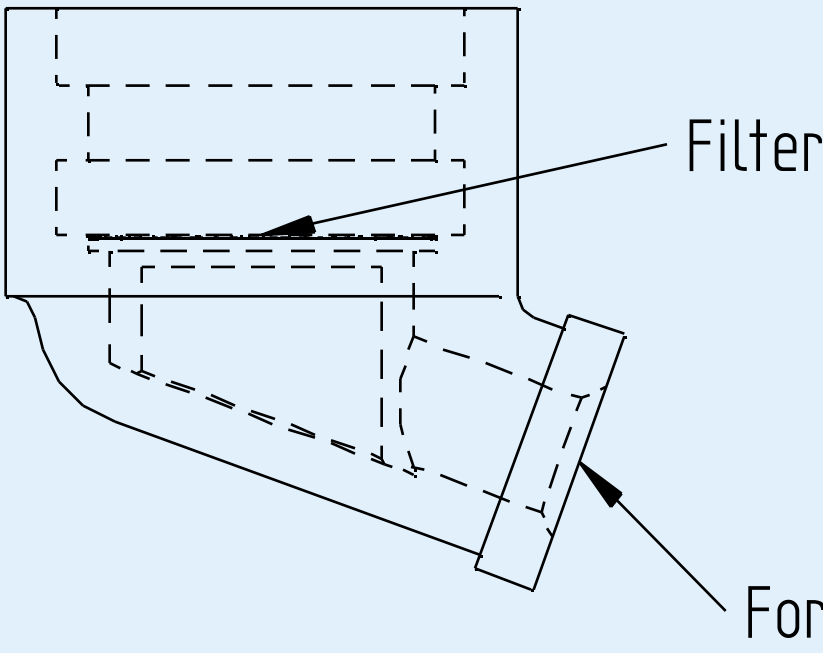
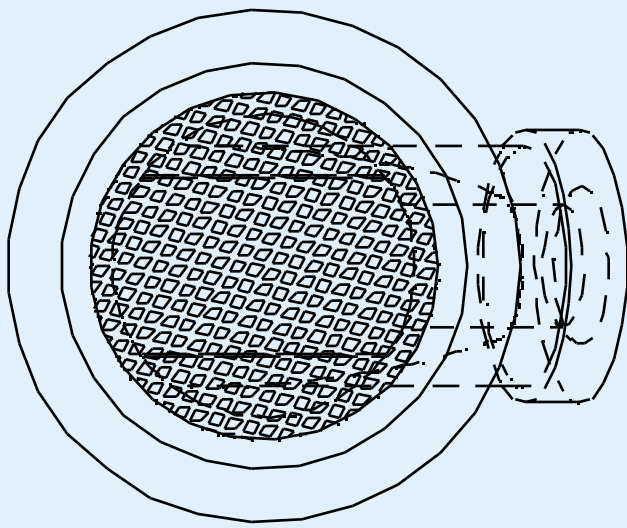


KFILS



KFIL - KFILL - KFILS to be used only with 1/4 gas aspiration suction

KRAC





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