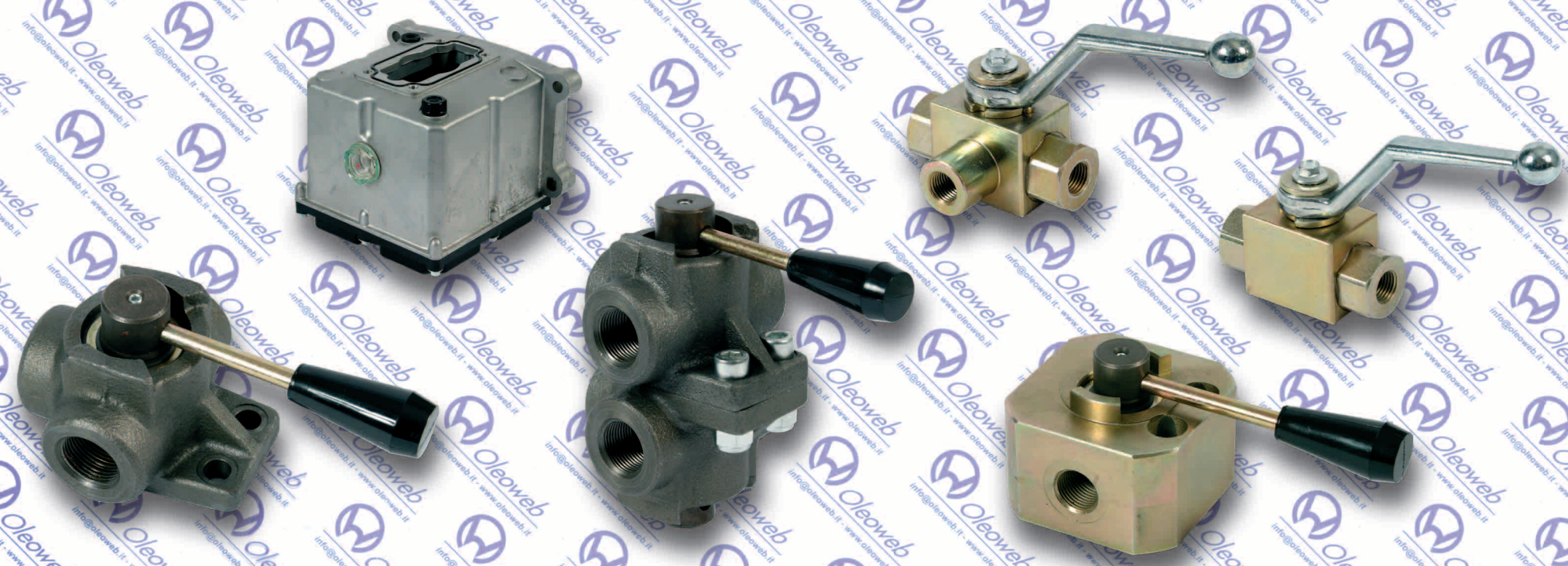




Oleoweb

HYDRAULIC VALVES AND COMPONENTS



Pompe a mano e deviatori di flusso Hand pumps and flow diverters

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OLIO
OIL

Utilizzare esclusivamente olio idraulico a base minerale ISO 6743/4 (DIN 51524)
Use only ISO 6743/4 (DIN 51524) hydraulic mineral oil

VISCOSITA'
VISCOSITY

Viscosità secondo i parametri ISO 3448 (DIN 51519)-Il grado di viscosità viene indicato con le lettere ISO VG seguito da un numero che indica la viscosità cinematica media a 40°C in mm²/s o centistokes (cSt)

Viscosità min. 15 mm²/s

Viscosità max. 100 mm²/s

Viscosità consigliata 46 mm²/s

The viscosity must be according to ISO 3448 (DIN 51519) standards. The viscosity degree is stated by ISO VG letters followed by a number showing the average kinematic viscosity at 40°C in mm²/s or centistokes (cSt)

Minimum viscosity 15 mm²/s

Maximum viscosity 100 mm²/s

Advised viscosity 46 mm²/s

Gradi di viscosità ISO ISO viscosity degrees	Viscosità cinematica media Average kinematic viscosity mm ² /s at 40°C	Limiti viscosità cinematica Kinematic viscosity limits mm ² /s at 40°C	
		min.	max.
ISO VG 15	15	13,5	16,5
ISO VG 22	22	19,8	24,2
ISO VG 32	32	28,8	35,2
ISO VG 46	46	41,4	50,6
ISO VG 68	68	61,2	74,8
ISO VG 100	100	90,0	110

FILTRAZIONE CONTAMINAZIONE
FILTRATION CONTAMINATION

Tutti i costruttori di prodotti oleodinamici riconoscono che la eccessiva contaminazione del fluido è la principale causa del malfunzionamento negli impianti oleodinamici

Filtrazione consigliata 15 micron - Classe di contaminazione 18/14 ISO 4406 (9 NAS 1638)

All manufacturers of hydraulic products recognize that excessive fluid contamination is the main cause of hydraulic installations bad working.

Advised filtration 15 microns - Contamination class 18/14 ISO 4406 (9 NAS 1638)

TEMPERATURA
TEMPERATURE

Temperatura ambiente - 20°C + 50°C

Ambient temperature - 20°C + 50°C

Temperatura olio - 20°C + 80°C

Oil temperature - 20°C + 80°C

CONDIZIONI DI PROVA
TESTING CONDITIONS

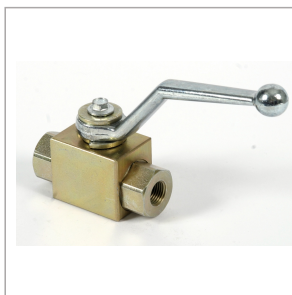
Tutte le curve di funzionamento riportate a catalogo sono state eseguite utilizzando olio minerale con grado di viscosità ISO VG46 alla temperatura di 40°C ed un grado di filtrazione assoluta di 15 micron

All technical curves shown in the present catalogue have been made using mineral oil with

ISO VG 46 viscosity degree at the temperature of 40°C and a degree of absolute filtering of 15 micron

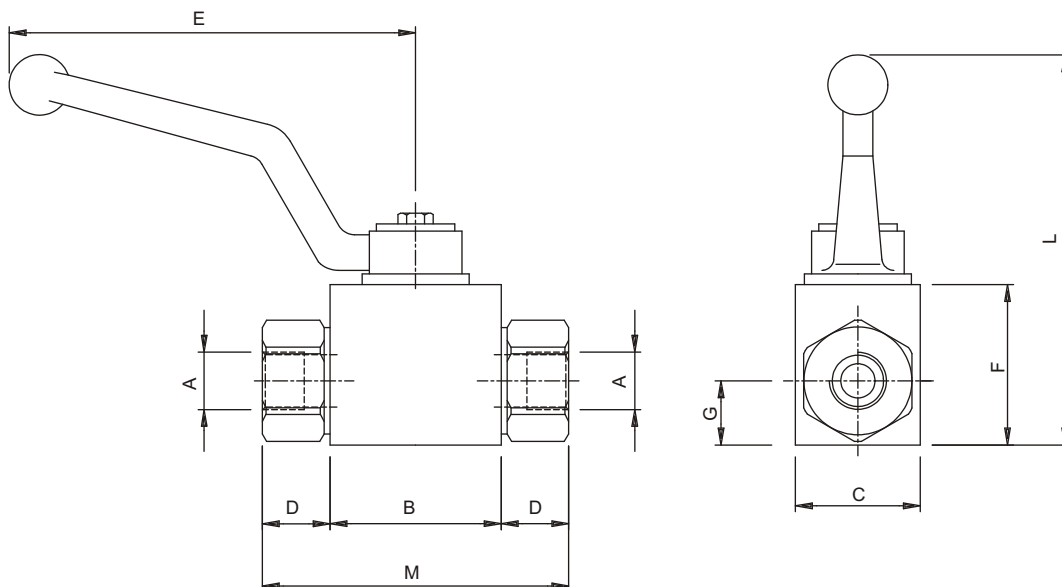
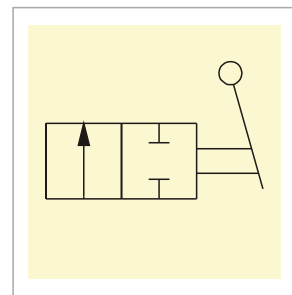
I dati presenti nel catalogo possono essere soggetti a variazioni, pertanto OLEOWEB si riserva il diritto di apporre modifiche in qualunque momento e senza alcun preavviso

OLEOWEB reserves the right to modify the products at any time and without notice: the technical data of the catalogue can consequently change.



Le valvole a sfera 2 vie RAS2 permettono la chiusura o l'apertura del flusso dell'olio ad alta pressione

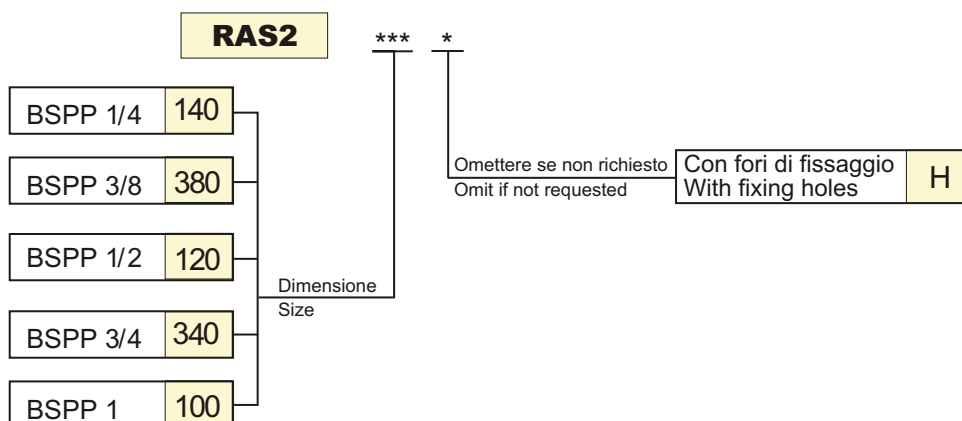
RAS2 2 ways ball valves allow the opening or shutting of the oil flow at high pressure



Caratteristiche tecniche
Features

Codice Code	A	Portata Max Max flow l/min	Pressione Max Max pressure bar	B	C	D	E	F	G	L	M	Peso Weight Kg
RAS2140	BSPP 1/4	25	500	42	30	14	107	35	15	88	70	0,50
RAS2380	BSPP 3/8	35		44	30	15	105	40	18	94	72	0,65
RAS2120	BSPP 1/2	60		48	37	17,5	108	43	18	96	83	0,75
RAS2340	BSPP 3/4	100	315	62	45	16	180	55	23	105	95	1,40
RAS2100	BSPP 1	150		66	55	23,5	180	65	30	115	113	2,15

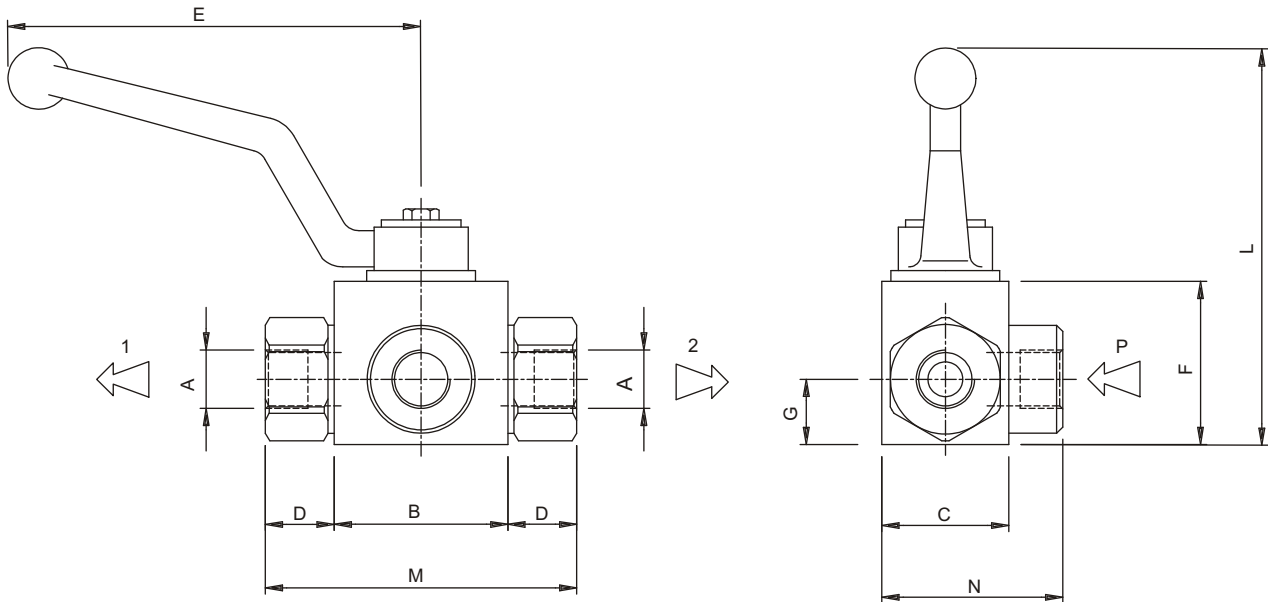
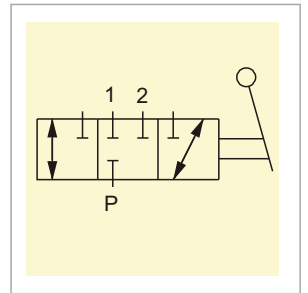
Codice di ordinazione
Ordering code





Le valvole a sfera 3 vie RAS3 vengono utilizzati quando si deve invertire il flusso dell'olio

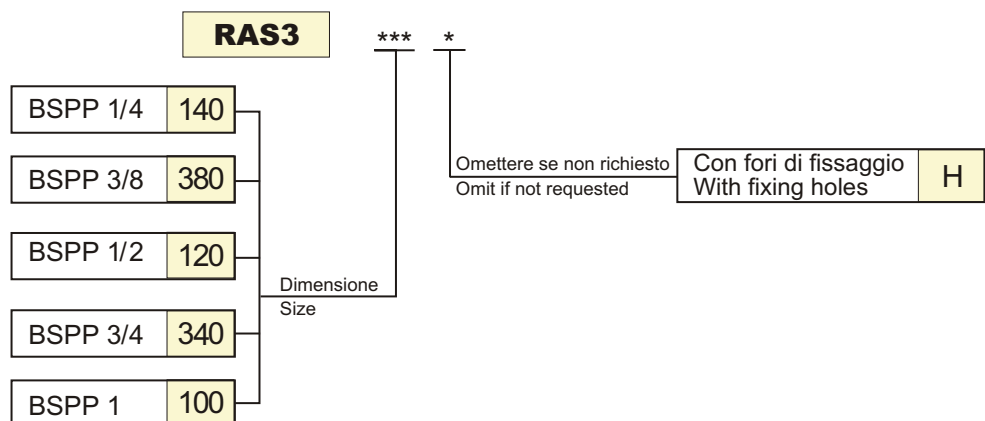
RAS3 3 ways ball valves are employed to reverse the oil flow



Caratteristiche tecniche
Features

Codice Code	A	Portata Max Max flow l/min	Pressione Max Max pressure bar	B	C	D	E	F	G	L	M	Peso Weight Kg
RAS3140	BSPP 1/4	25	315	42	30	14	107	35	15	88	70	0,53
RAS3380	BSPP 3/8	35		44	30	15	105	40	18	94	72	0,70
RAS3120	BSPP 1/2	60		48	37	17,5	108	43	18	96	83	0,80
RAS3340	BSPP 3/4	100	250	62	45	16	180	55	23	105	95	1,50
RAS3100	BSPP 1	150		66	55	23,5	180	65	30	115	113	2,35

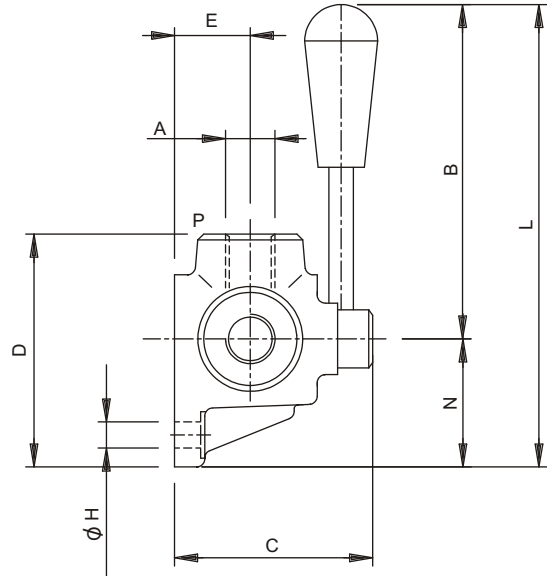
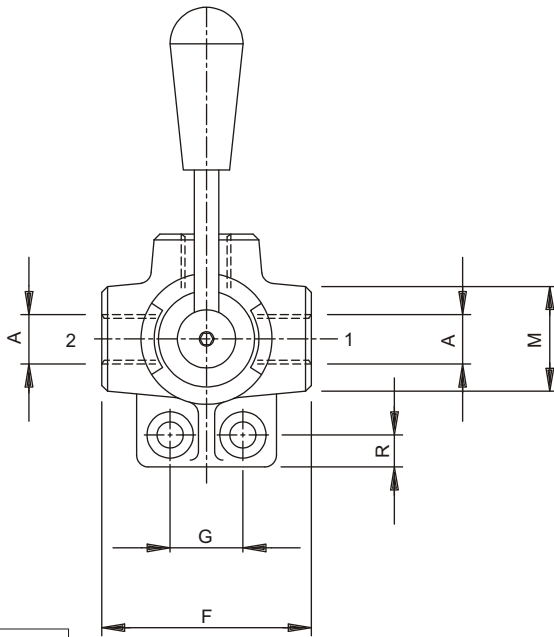
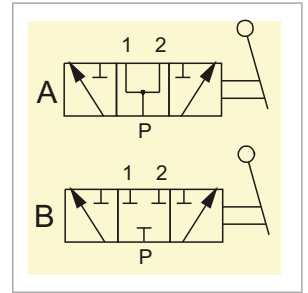
Codice di ordinazione
Ordering code





I deviatori di flusso a 3 vie DDF3 vengono utilizzati quando si deve invertire il flusso dell'olio

DDF3, 3 ways flow diverters are employed to reverse the oil flow

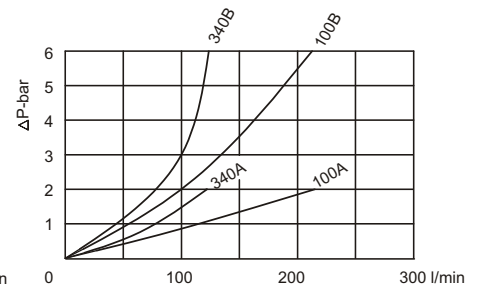
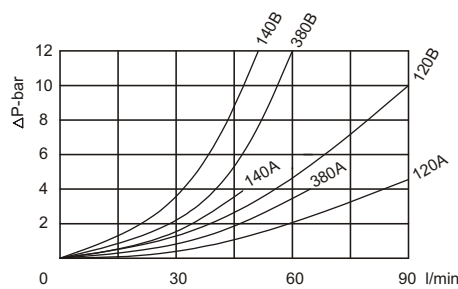
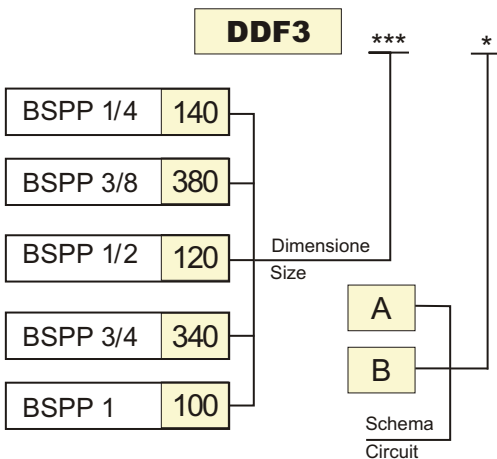


Caratteristiche tecniche
Features

Codice Code	A	Portata Max Max flow l/min	Pressione Max Max pressure bar	B	C	D	E	F	G	H	L	M	N	R	Peso Weight Kg
DDF3140	BSPP 1/4	40	300	128	62	77	21	73	24	8,5	169	35	41	14,5	0,95
DDF3380	BSPP 3/8	60		128	62	77	21	73	24	8,5	169	35	41	14,5	0,90
DDF3120	BSPP 1/2	90	250	128	70	96	25	85	32	10,5	180	40	52	17	1,45
DDF3340	BSPP 3/4	120	220	125	80	100	28	90	32	10,5	180	45	55	14	1,80
DDF3100	BSPP 1	200		140	90	115	32,5	96	32	11	207	56	67	17	2,50

Codice di ordinazione
Ordering code

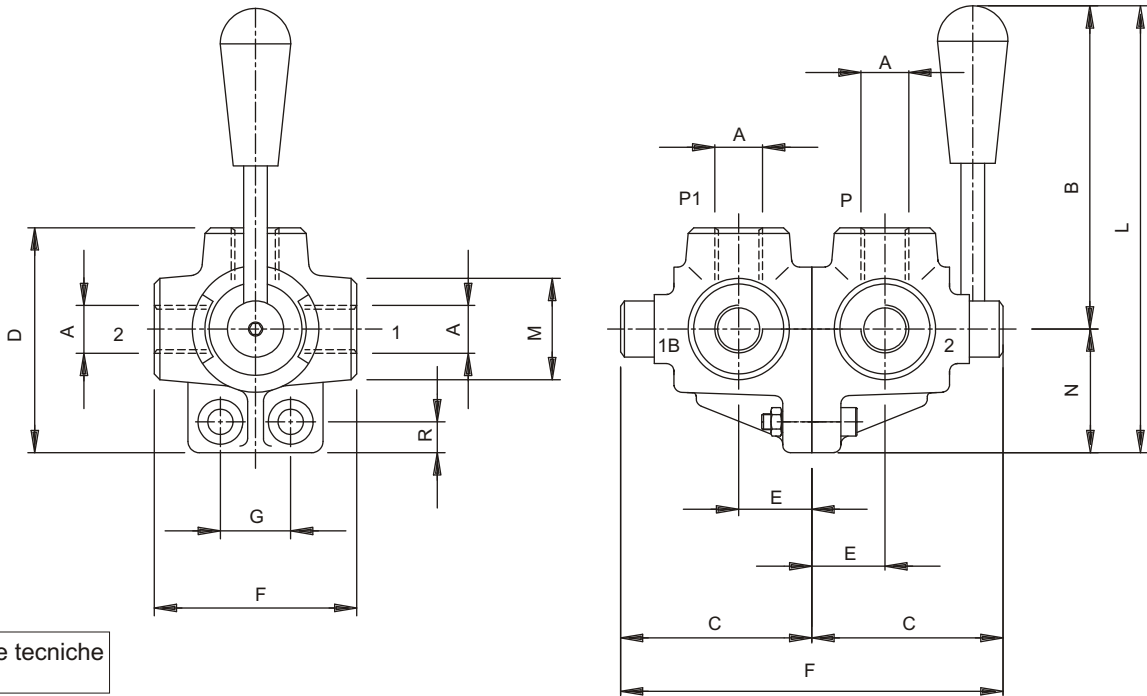
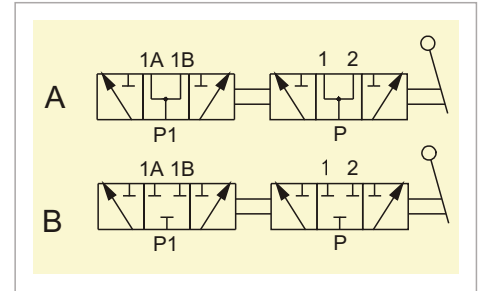
Perdite di carico
Pressure drops





I deviatori di flusso a 6 vie DDF6 vengono utilizzati quando si deve invertire il flusso dell'olio

DDF6, 6 ways flow diverters are employed to reverse the oil flow

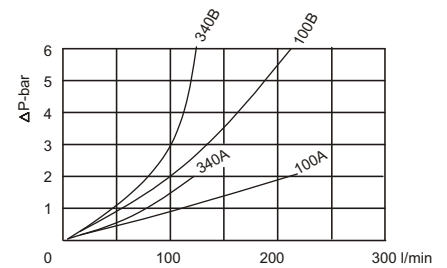
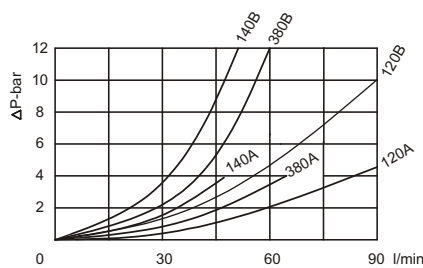
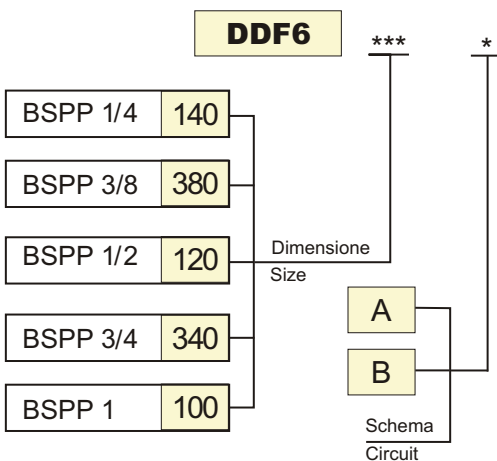


Caratteristiche tecniche
Features

Codice Code	A	Portata Max flow l/min	Pressione Max pressure bar	B	C	D	E	F	G	L	M	N	R	Peso Weight Kg
DDF6140	BSPP 1/4	40+40	300	128	62	77	21	146	24	169	35	41	14,5	2,00
DDF6380	BSPP 3/8	60+60		128	62	77	21	146	24	169	35	41	14,5	1,90
DDF6120	BSPP 1/2	90+90	250	128	70	96	25	170	32	180	40	52	17	3,00
DDF6340	BSPP 3/4	120+120	220	125	80	100	28	180	32	180	45	55	14	3,70
DDF6100	BSPP 1	200+200		140	90	115	32,5	192	32	207	56	67	17	5,10

Codice di ordinazione
Ordering code

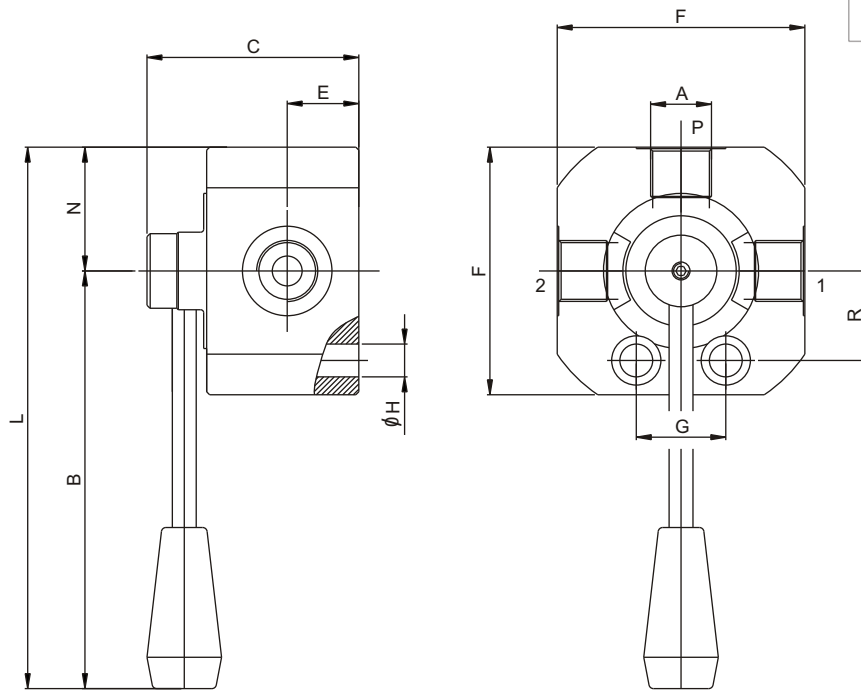
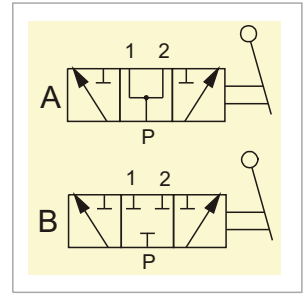
Perdite di carico
Pressure drops





I deviatori di flusso a 3 vie alta pressione DDFA3 vengono utilizzati quando si deve invertire il flusso dell'olio

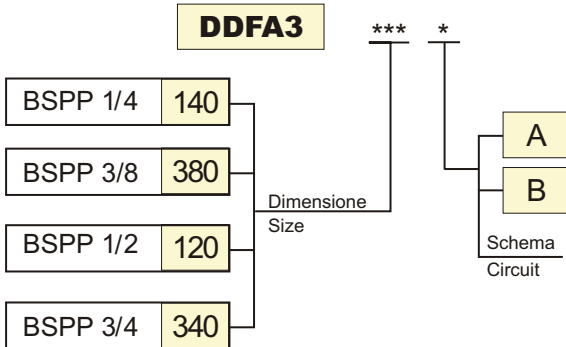
DDFA3 high pressure 3 ways flow diverters are employed to reverse the oil flow



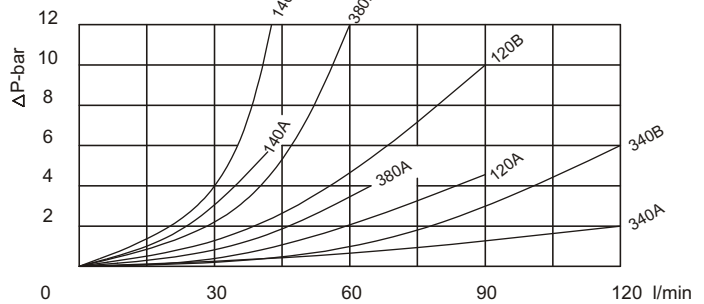
Caratteristiche tecniche
Features

Codice Code	A	Portata Max Max flow l/min	Pressione Max Max pressure bar	B	C	E	F	G	H	L	N	R	Peso Weight Kg
DDFA3140	BSPP 1/4	40	400	130	62,5	21	68	25	8,5	164	34	25	1,45
DDFA3380	BSPP 3/8	60		130	62,5	21	68	25	8,5	164	34	25	1,40
DDFA3120	BSPP 1/2	90	350	128	71	24	83	30	11	169,5	41,5	30	2,25
DDFA3340	BSPP 3/4	120		126,5	79,5	28	88	30	11	170,5	44	32	2,90

Codice di ordinazione
Ordering code



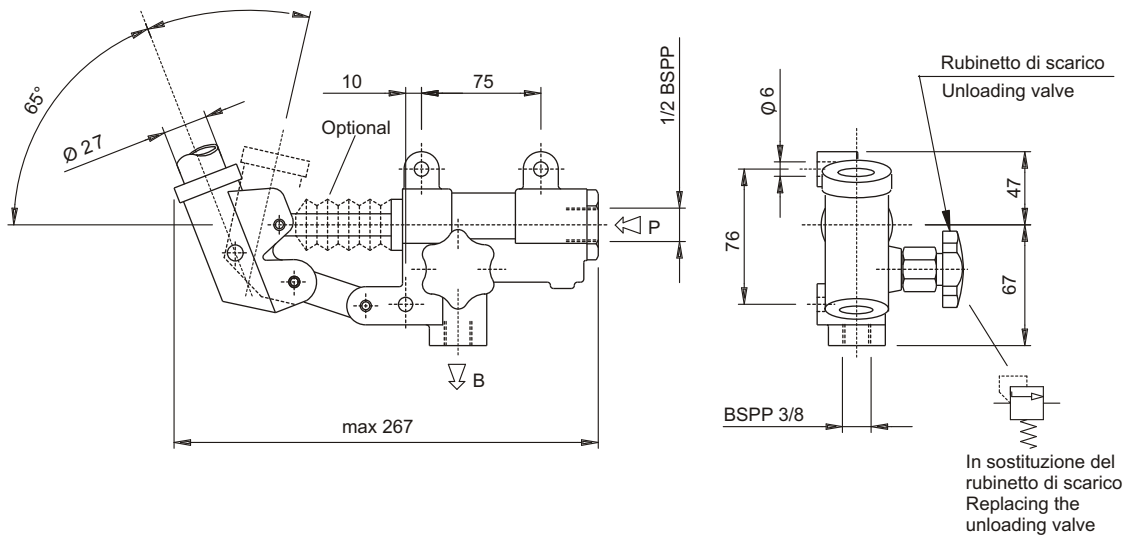
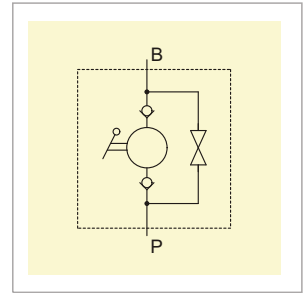
Perdite di carico
Pressure drops





Pompe a mano senza serbatoio. Corpo in ghisa verniciato, stelo in acciaio cromato. Rubinetto di scarico. Leva di azionamento L=600 mm
A richiesta soffietto di protezione stelo e valvola di massima pressione in sostituzione del rubinetto di scarico.

Hand pumps without reservoir. Painted cast-iron body, chromed steel rod. Unloading valve. L=600 mm operating lever. On request: rod rubber protection and relief valve replacing the unloading valve.



Caratteristiche tecniche
Features

Codice Code	Cilindrata Displacement	Pressione max di esercizio Max working pressure	Peso Weight Kg
PM20	20 cm ³	350 bar	4,1

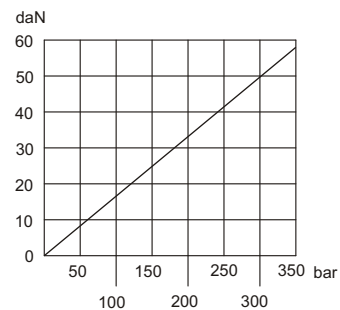
Codice di ordinazione
Ordering code

PM20

*

A richiesta
Optionals

Soffietto Rubber protection	P
Valvola di max. Relief valve	RV

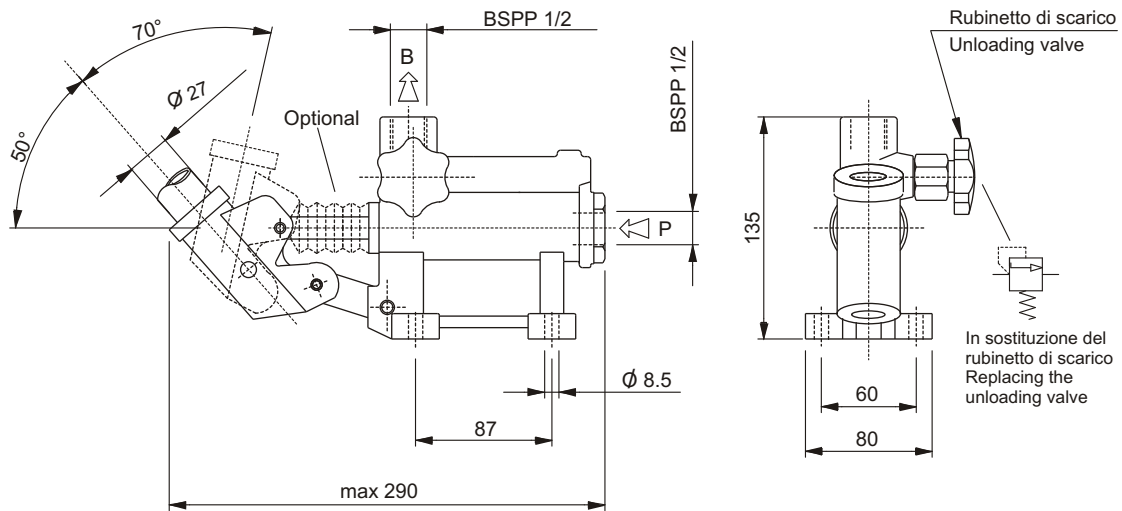
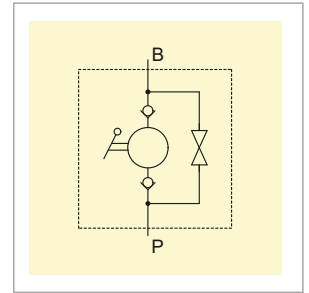


Sforzo (daN) esercitato all'estremità della leva
Effort (daN) operating on the end of the lever



Pompe a mano senza serbatoio. Corpo in ghisa verniciato, stelo in acciaio cromato. Rubinetto di scarico. Leva di azionamento L=600 mm
A richiesta soffietto di protezione stelo e valvola di massima pressione in sostituzione del rubinetto di scarico.

Hand pumps without reservoir. Painted cast-iron body, chromed steel rod. Unloading valve. L=600 operating lever. On request: rod rubber protection and relief valve replacing the unloading valve.



Caratteristiche tecniche
Features

Codice Code	Cilindrata Displacement	Pressione max di esercizio Max working pressure	Peso Weight Kg
PM50	50 cm ³	280 bar	5,2

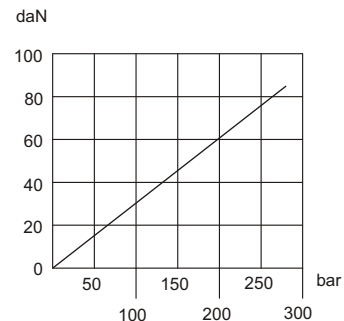
Codice di ordinazione
Ordering code

PM50

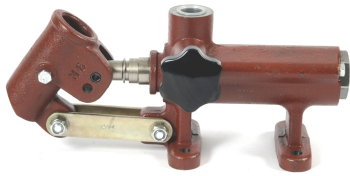
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A richiesta
Optionals

Soffietto Rubber protection	P
Valvola di max. Relief valve	RV

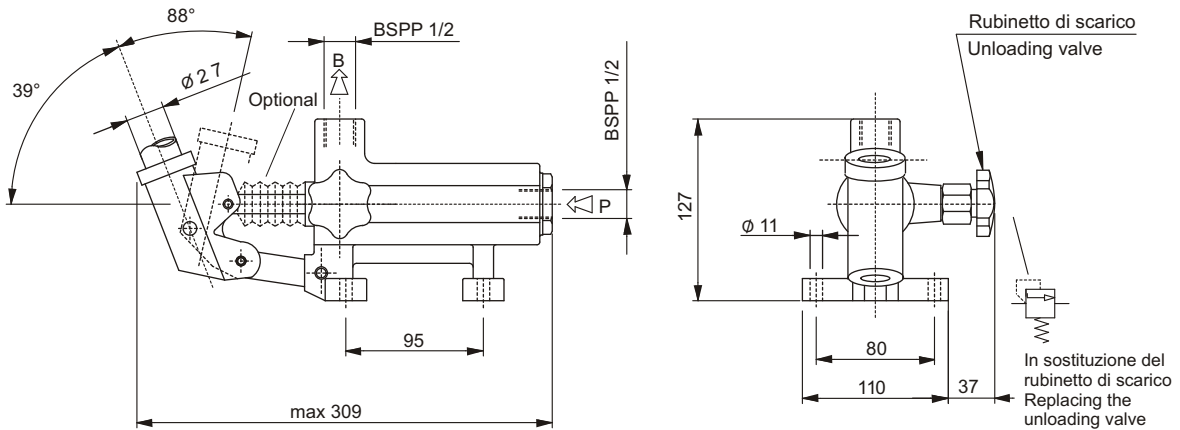
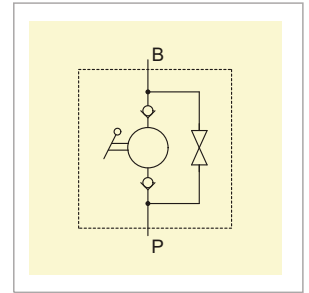


Sforzo (daN) esercitato all'estremità della leva
Effort (daN) operating on the end of the lever



Pompe a mano senza serbatoio. Corpo in ghisa verniciato, stelo in acciaio cromato. Rubinetto di scarico. Leva di azionamento L=600 mm
A richiesta soffietto di protezione stelo e valvola di massima pressione in sostituzione del rubinetto di scarico.

Hand pumps without reservoir. Painted cast-iron body, chromed steel rod. Unloading valve. L=600 operating lever. On request: rod rubber protection and relief valve replacing the unloading valve.



Caratteristiche tecniche
Features

Codice Code	Cilindrata Displacement	Pressione max di esercizio Max working pressure	Peso Weight Kg
PM70	70 cm ³	220 bar	6,4

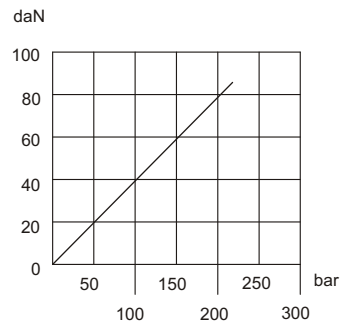
Codice di ordinazione
Ordering code

PM70

*

A richiesta
Optionals

Soffietto Rubber protection	P
Valvola di max. Relief valve	RV

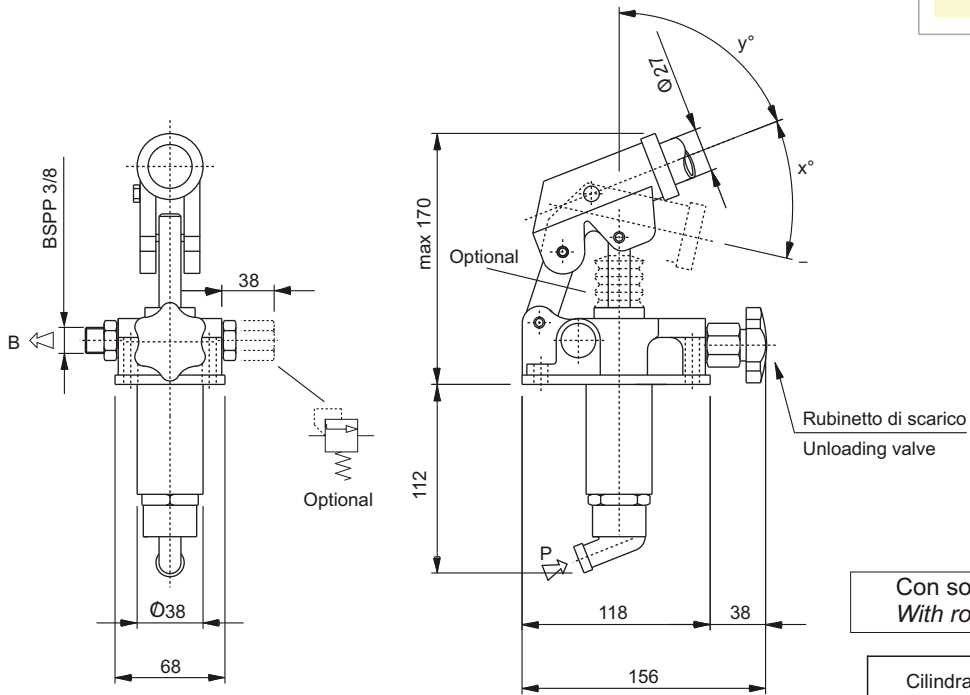
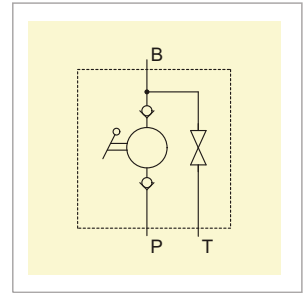


Sforzo (daN) esercitato all'estremità della leva
Effort (daN) operating on the end of the lever



Pompe a mano 12/25/45 cm³ per montaggio sul serbatoio.
Corpo in ghisa verniciato, stelo in acciaio cromato. Rubinetto di scarico
Leva di azionamento L=600 mm.
A richiesta: soffietto di protezione stelo, valvola di massima pressione

12/25/45 cm³ hand pumps for mounting on reservoir.
Painted cast-iron body, chromed steel rod. Unloading valve,
L=600 mm operation lever. On request: rod rubber protection, relief valve



Caratteristiche tecniche
Features

Cilindrata Displacement	Pressione max di esercizio Max working pressure	Peso Weight Kg
12 cm ³	380 bar	4,2
25 cm ³	350 bar	
45 cm ³	280 bar	

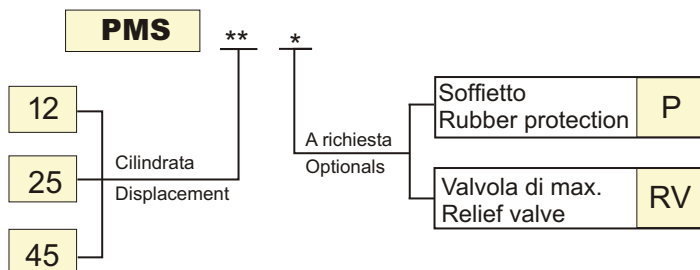
Con soffietto
With rod protection

Cilindrata Displacement	X	Y
12 cm ³	45°	55°
25 cm ³	75°	35°
45 cm ³	75°	35°

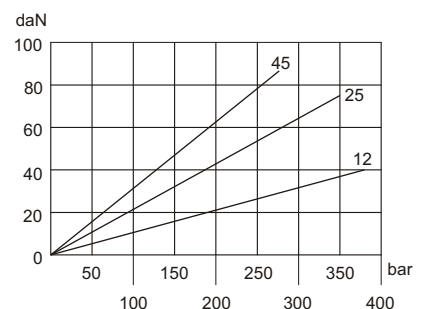
Senza soffietto
Without rod protection

Cilindrata Displacement	X	Y
12 cm ³	65°	35°
25 cm ³	85°	25°
45 cm ³	75°	35°

Codice di ordinazione
Ordering code



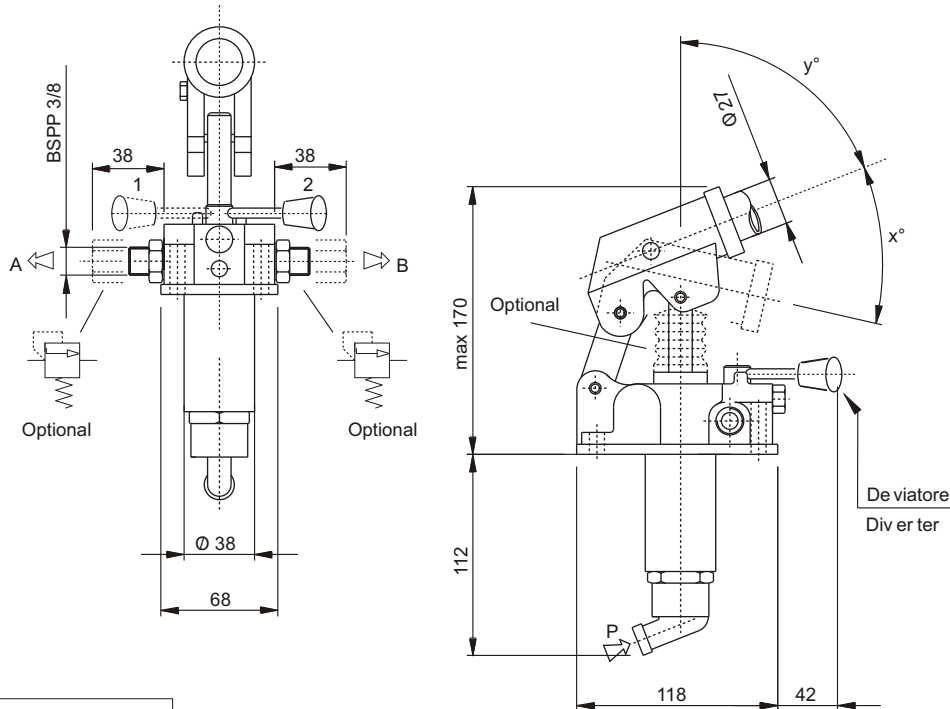
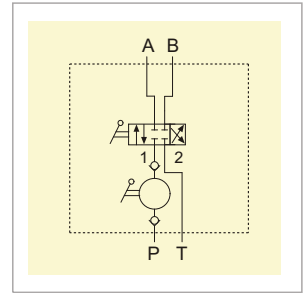
Sforzo (daN) esercitato all'estremità della leva
Effort (daN) operating on the end of the lever





Pompe a mano 12/25/45 cm³ per montaggio sul serbatoio.
Corpo in ghisa verniciata, stelo in acciaio cromato.
Deviatore 4 vie 3 posizioni. Leva di azionamento L=600 mm.
A richiesta: soffietto di protezione stelo, valvola di massima pressione

*12/25/45 cm³ hand pumps for mounting on reservoir.
Painted cast-iron body, chromed steel rod. 4 ways, 3 positions diverter. L=600 mm operation lever.
On request: rod rubber protection, relief valve*



Caratteristiche tecniche
Features

Cilindrata Displacement	Pressione max di esercizio Max working pressure	Peso Weight Kg
12 cm ³	380 bar	4,8
25 cm ³	350 bar	
45 cm ³	280 bar	

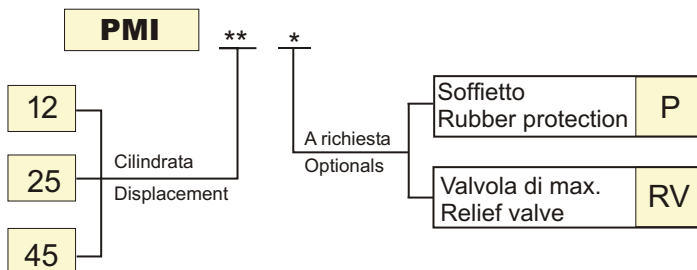
Con soffietto
With rod protection

Cilindrata Displacement	X	Y
12 cm ³	45°	55°
25 cm ³	75°	35°
45 cm ³	75°	35°

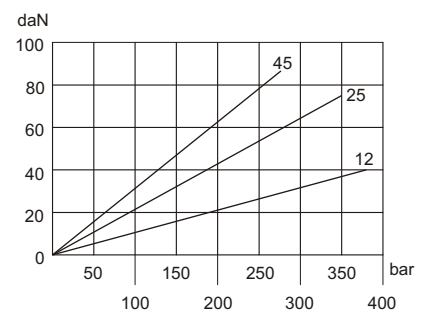
Senza soffietto
Without rod protection

Cilindrata Displacement	X	Y
12 cm ³	65°	35°
25 cm ³	85°	25°
45 cm ³	75°	35°

Codice di ordinazione
Ordering code



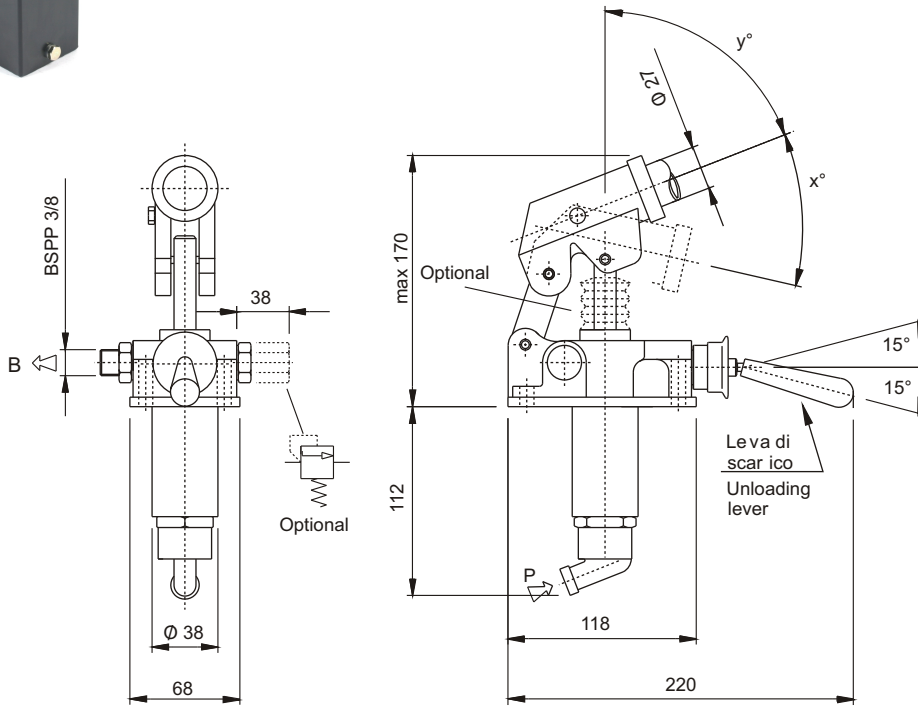
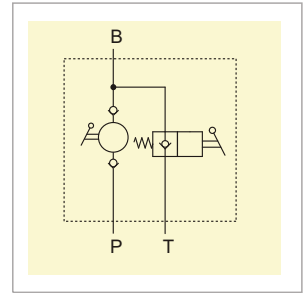
Sforzo (daN) esercitato all'estremità della leva
Effort (daN) operating on the end of the lever





Pompe a mano 12/25/45 cm³ per montaggio sul serbatoio.
Corpo in ghisa verniciata, stelo in acciaio cromato. Leva di scarico
Leva di azionamento L=600 mm.
A richiesta: soffietto di protezione stelo, valvola di massima pressione

12/25/45 cm³ hand pumps for mounting on reservoir.
Painted cast-iron body, chromed steel rod. Unloading lever,
L=600 mm operation lever. On request: rod rubber protection, relief valve



Caratteristiche tecniche
Features

Cilindrata Displacement	Pressione max di esercizio Max working pressure	Peso Weight Kg
12 cm ³	380 bar	4,2
25 cm ³	350 bar	
45 cm ³	280 bar	

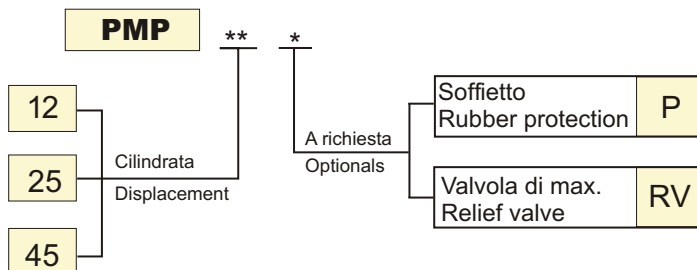
Con soffietto
With rod protection

Cilindrata Displacement	X	Y
12 cm ³	45°	55°
25 cm ³	75°	35°
45 cm ³	75°	35°

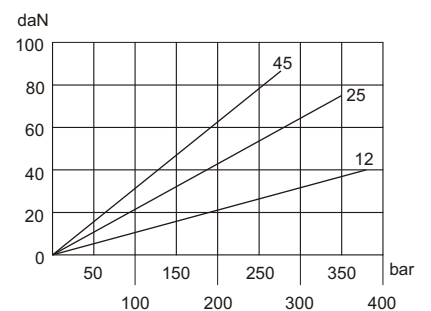
Senza soffietto
Without rod protection

Cilindrata Displacement	X	Y
12 cm ³	65°	35°
25 cm ³	85°	25°
45 cm ³	75°	35°

Codice di ordinazione
Ordering code



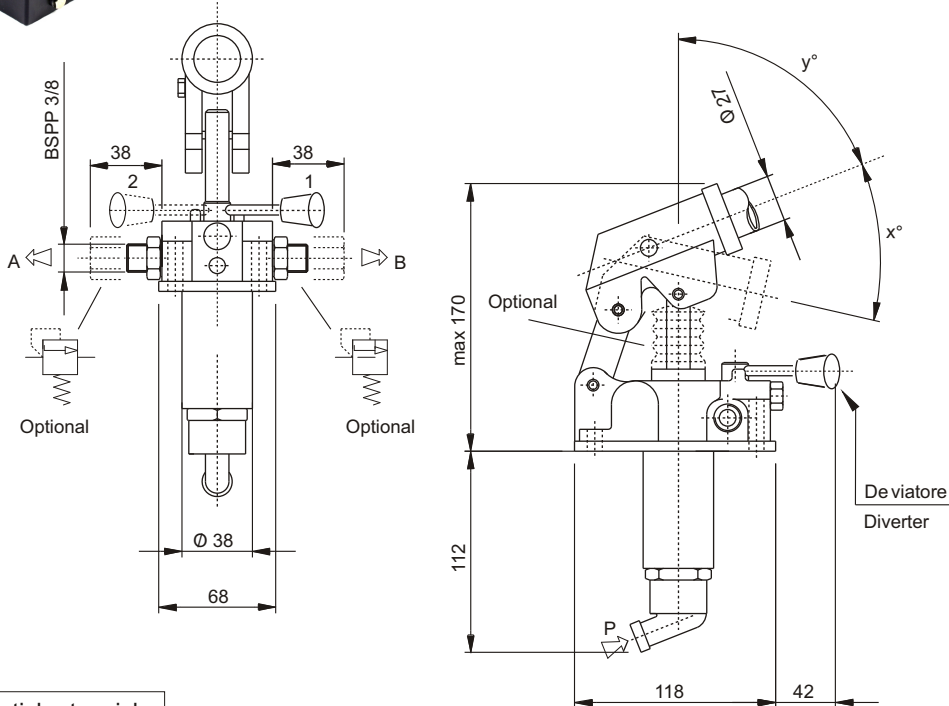
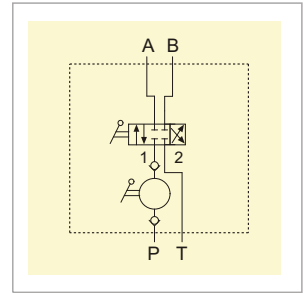
Sforzo (daN) esercitato all'estremità della leva
Effort (daN) operating on the end of the lever





Pompe a mano 12/25/45 cm³ per montaggio sul serbatoio.
Corpo in ghisa verniciato, stelo in acciaio cromato.
Deviatore 4 vie 3 posizioni con valvole di blocco doppio effetto.
Leva di azionamento L=600 mm.
A richiesta: soffietto di protezione stelo, valvola di massima pressione

12/25/45 cm³ hand pumps for mounting on reservoir.
Painted cast-iron body, chromed steel rod.
4 ways, 3 positions diverter with double acting check valve.
L=600 mm operation lever. On request: rod rubber protection, relief valve



Caratteristiche tecniche
Features

Cilindrata Displacement	Pressione max di esercizio Max working pressure	Peso Weight Kg
12 cm ³	380 bar	4,2
25 cm ³	350 bar	
45 cm ³	280 bar	

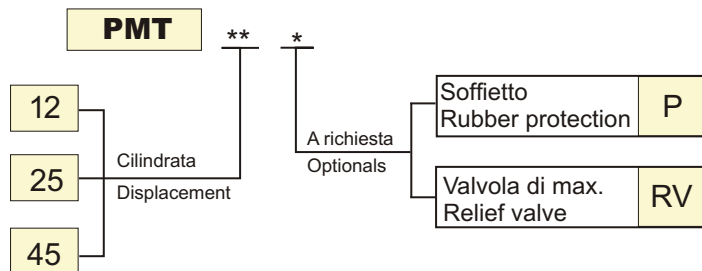
Con soffietto
With rod protection

Cilindrata Displacement	X	Y
12 cm ³	45°	55°
25 cm ³	75°	35°
45 cm ³	75°	35°

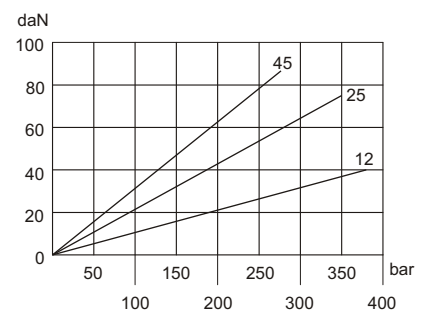
Senza soffietto
Without rod protection

Cilindrata Displacement	X	Y
12 cm ³	65°	35°
25 cm ³	85°	25°
45 cm ³	75°	35°

Codice di ordinazione
Ordering code

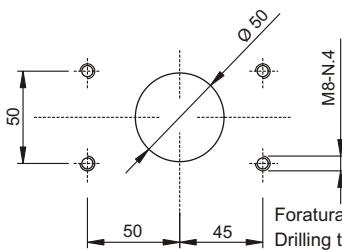


Sforzo (daN) esercitato all'estremità della leva
Effort (daN) operating on the end of the lever

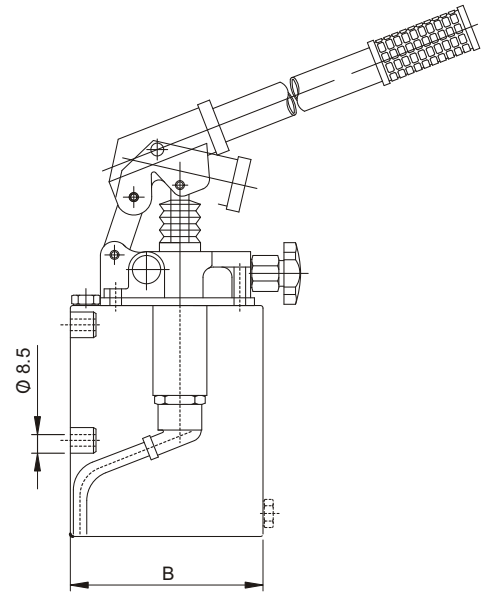
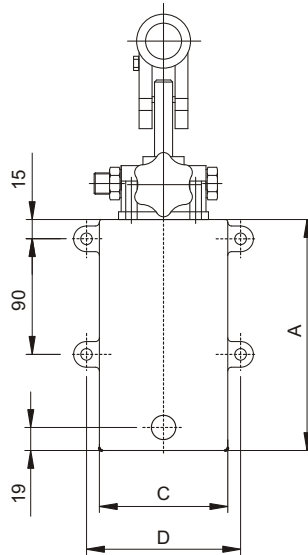




Verniciatura RAL9005 antiolio - nero
RAL9005 black oil proof painting



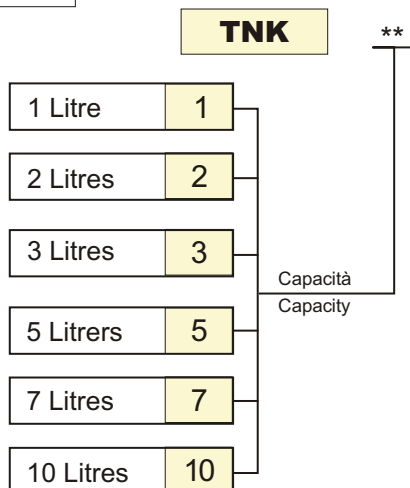
Foratura da eseguire sul piano serbatoio per il fissaggio pompa
Drilling to be carried out on the tank for the pump fixing

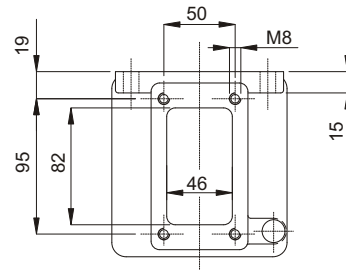
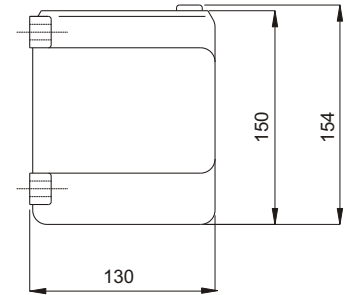
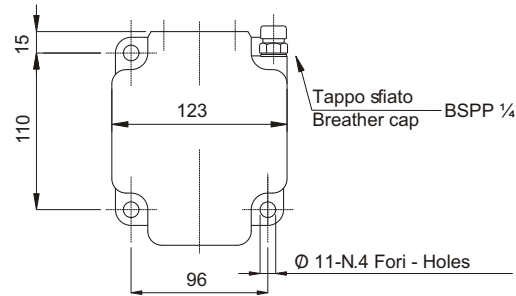


Caratteristiche tecniche
Features

Codice Code	Capacità Capacity	A	B	C	D	Peso Weight Kg
TNK1	1	120	150	100	120	2,0
TNK2	2	180	150	100	120	2,2
TNK3	3	247	150	100	120	2,5
TNK5	5	200	175	175	195	4,5
TNK7	7	269	175	175	195	5,4
TNK10	10	376	175	175	195	6,8

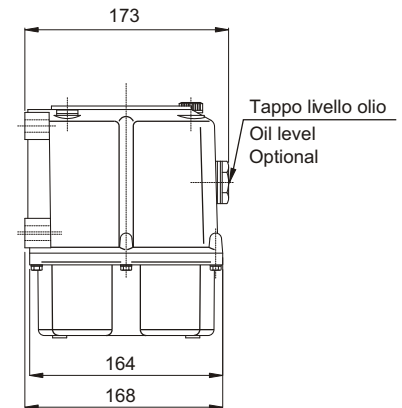
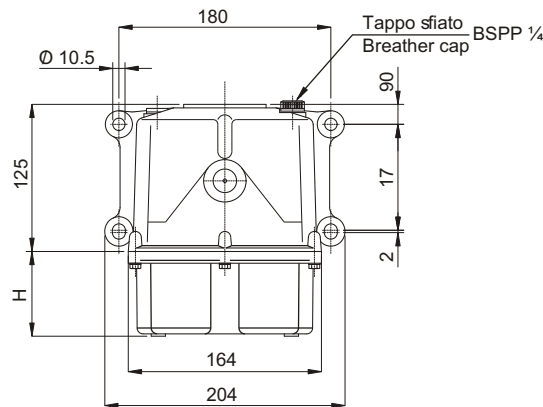
Codice di ordinazione
Ordering code





Caratteristiche tecniche
Features

Codice Code	Capacità Capacity	Peso Weight Kg
TNA1	1	1,00



Codice di ordinazione
Ordering code

TNA

**

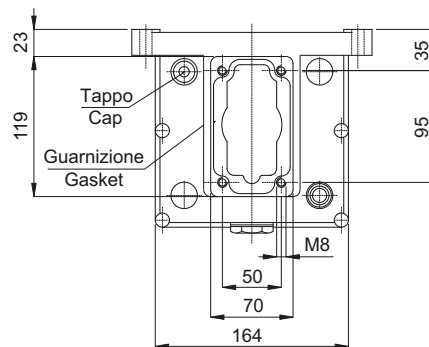
1 Litre 1

2 Litres 2

3 Litres 3

5 Litres 5

Capacità
Capacity



Caratteristiche tecniche
Features

Codice Code	Capacità Capacity	H (mm)	Peso Weight Kg
TNA2	2	25	1,50
TNA3	3	70	1,60
TNA5	5	180	1,80