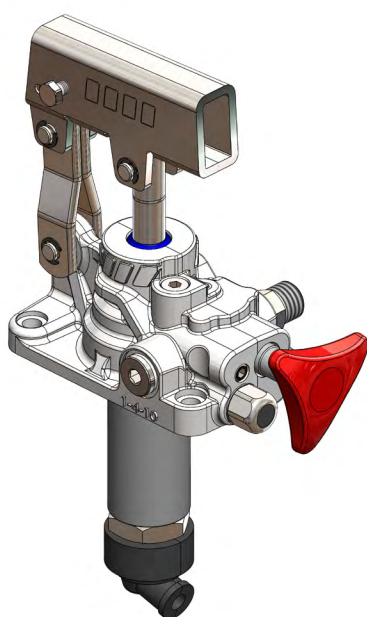




Pompe a mano con azionamento a doppio effetto (la pompa eroga olio sia spingendo che tirando la leva) per impianti a semplice effetto, direttamente flangiabili su serbatoio e con rubinetto di scarico a tenuta conica incorporato. Sono disponibili in tre diverse cilindrate per consentire le più svariate applicazioni e per limitare lo sforzo sulla leva in ogni situazione.

BASSE TEMPERATURE -40°C.

Double acting hand pumps (the pump delivers oil both pushing and pulling the lever) suitable to operate single acting applications. They can be fitted also onto tank and are equipped with tapered lowering valve.

These hand pumps can have 3 different sizes to perform various applications and to achieve smoother loads on the lever. **LOW TEMPERATURE -40°C.**

Codice di ordinazione (senza leva)

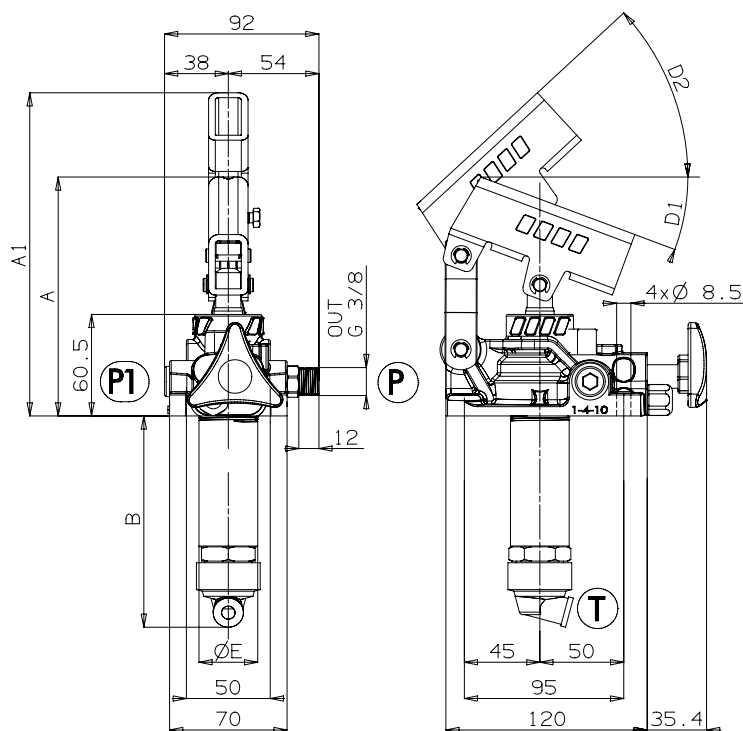
Order code (without lever)

	FULCRO 12	FULCRO 25	FULCRO 45
Senza serbatoio <i>Without tank</i>	10690319137	10690310127	10690310216



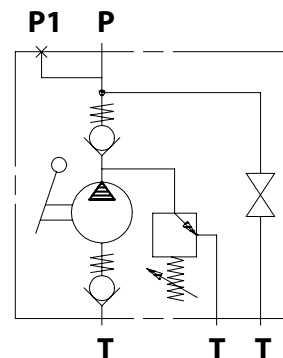
Collegamenti / Link:
[Serbatoi / Tanks](#)

Ingombro / Dimensions

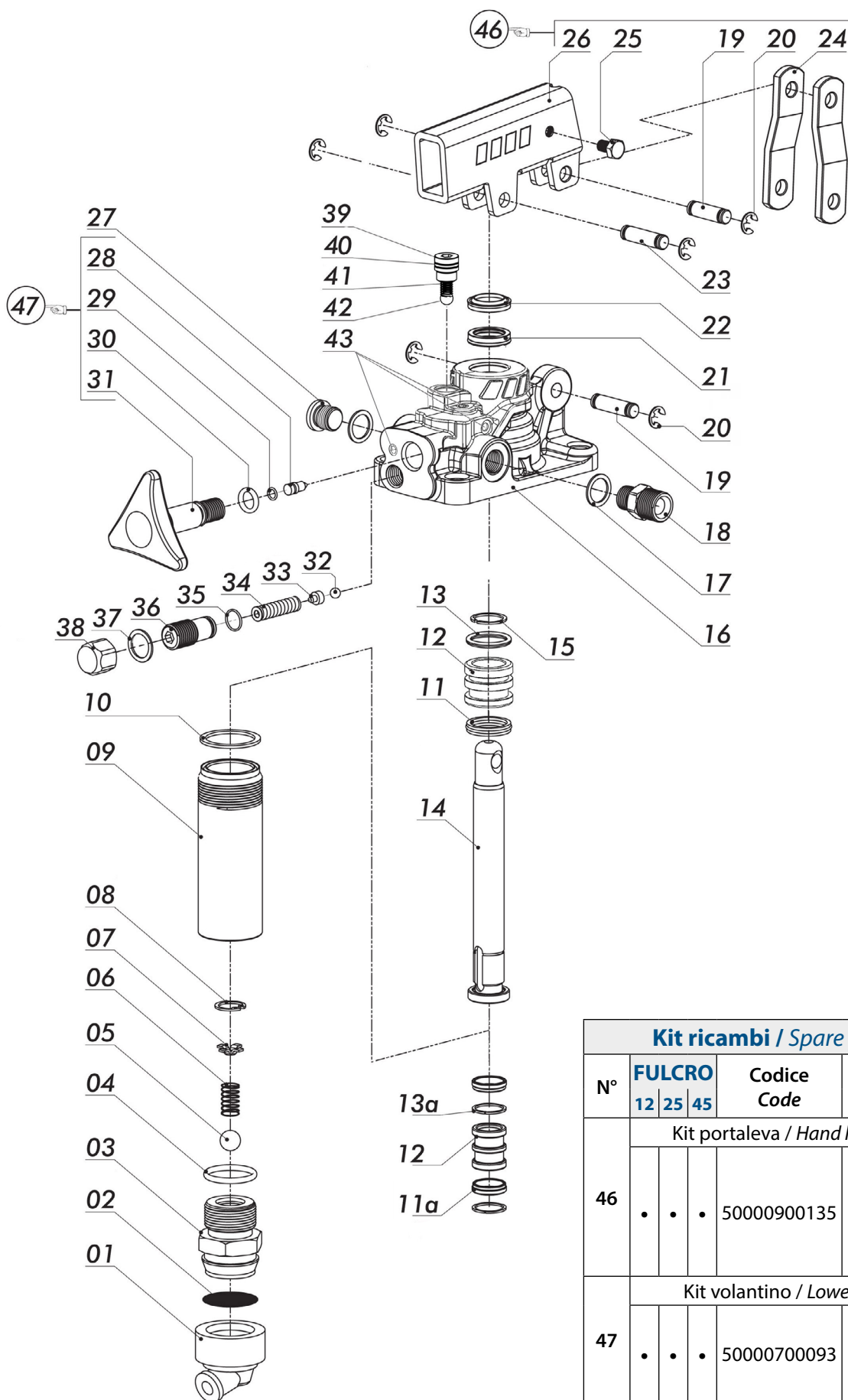


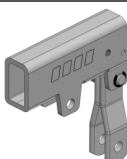
	A <i>mm</i>	A1 <i>mm</i>	B <i>mm</i>	D1 °	D2 °	E <i>mm</i>
FULCRO 12	143	187	120	18,5	45	35
FULCRO 25	142	193	127	20	45	35
FULCRO 45	141	193	138	20	45	42

Schema idraulico / Hydraulic layout



Schema ricambio / Spare parts



Kit ricambi / Spare parts kits					
N°	FULCRO 12 25 45			Codice Code	Gruppo Assembly
46	Kit portaleva / Hand lever holder kit				
	•	•	•	50000900135	
47	Kit volantino / Lowering valve kit				
	•	•	•	50000700093	

N°	FULCRO			Codice Code		Descrizione Description	Q.
	12	25	45				
1	•	•	•	50600000427	Guarnizione portafiltro	Suction cap	1
2	•	•	•	55000100012	Filtro acciaio rotondo	Steel strainer	1
3	•	•		54000500019	Corpo valvola di aspirazione	Suction valve casing	1
			•	54000500037			
4	•	•		50600000802	Guarnizione OR	O-ring	1
			•	50600000972			
5	•	•	•	51000900116	Sfera tenuta	Ball	1
6	•	•	•	51200500689	Molla valvola di aspirazione	Spring for suction valve	1
7	•	•	•	55000100101	Guidamolla	Spring-guide	1
8	•	•	•	50100100113	Anello elastico	Circlip	1
9	•			53700200037	Cilindro acciaio	Steel stem	1
		•		53700200019			
			•	53700200028			
10	•	•		11600901255	Rondella tenuta cilindro	Washer	1
			•	11600901308			
11a	•			50600000516	Guarnizione speciale	Special gasket	2
11		•		50600000954	Guarnizione speciale	Special gasket	1
			•	50600000267			
12	•			53200200082	Pistone	Piston	1
		•		53200200028			
			•	53200200037			
13a	•			55000400046	Anello antiestrusore	Locking ring	2
13		•		50600000945	Guarnizione OR	O-ring	1
			•	50600000990			
14	•			53500100121	Stelo	Piston rod	1
		•		53500100069			
			•	53500100078			
15	•			50101100086	Anello elastico	Circlip	1
		•		50101100111			
			•	50101100148			
16	•			51700100763	Corpo pompa a mano	Hand pump housing	1
		•		51700100781			
			•	51700100807			
17	•	•	•	11600900158	Rondella utilizzi	Washer	2
18	•	•	•	11600600259	Nipplo utilizzi	Pressure nipple	1
19	•	•	•	52600100095	Spinotto lunghezza 26mm	Gudgeon Pin 26mm	2
20	•	•	•	50101500028	Anello elastico	Circlip	6
21	•			50600001926	Guarnizione a labbro	Lip seal	1
		•		50600001935			
			•	50600001944			
22	•			50600002729	Guarnizione raschiapolvere	Wiper seal	1
		•		50600002701			
			•	50600002738			
23	•	•	•	52600100086	Spinotto	Gudgeon Pin	1
24	•	•	•	53800100081	Biella	Brackets	2
25	•	•	•	50200200012	Vite blocco leva	Locking lever screw	1
26	•	•	•	53900100212	Portaleva	Lever holder	1
27	•	•	•	11500600117	Tappo utilizzo	Pressure port plug	1
28	•	•	•	54300400023	Spillo tenuta	Pin	1
29	•	•	•	50600001033	Guarnizione OR	O-ring	1
30	•	•	•	50600001800	Guarnizione OR	O-ring	1
31	•	•	•	50000100357	Volantino	Lowering wheel	1
32	•	•	•	51000900045	Sfera tenuta valvola di massima	Relief valve sealing ball	1
33	•	•	•	54200100073	Guidamolla	Spring-guide	1
34	•	•	•	51200501428	Molla valvola di massima	Spring	1
35	•	•	•	50600011010	Anello	O-ring	1
36	•	•	•	50400000458	Grano registro valvola di massima	Setting screw for relief valve	1
37	•	•	•	11600900201	Rondella tenuta valvola di massima	Washer	1
38	•	•	•	54000600116	Tappo chiusura valvola di massima	Relief valve cover	1
39	•	•	•	54000300477	Tappo valvola di ritegno	Plug	1
40	•	•	•	50600010915	Guarnizione ORM 0090-15	ORM 0090-15	1
41	•	•	•	51200500509	Molla	Spring	1
42	•	•	•	51000900054	Sfera 1/4" (Ø6.35)	Ball 1/4" (Ø6.35)	1
43	•	•	•	50401000018	Grano conico 1/16" NPTF	Conical plug 1/16" NPTF	3

Dati tecnici / Technical data

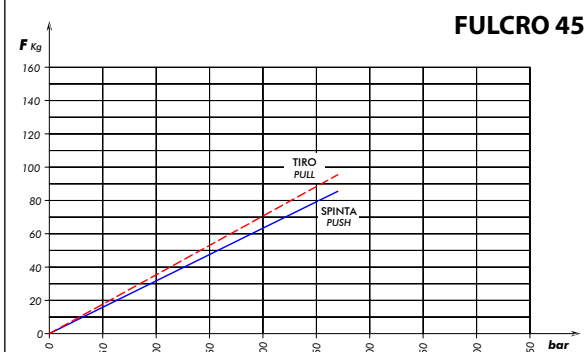
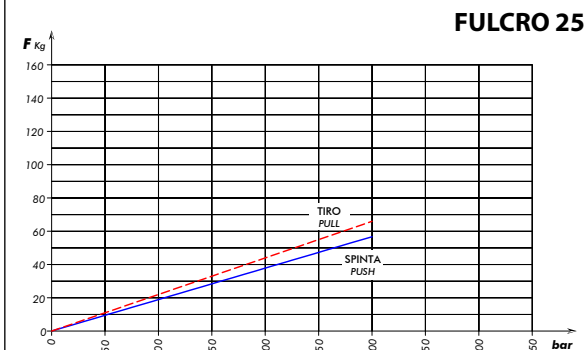
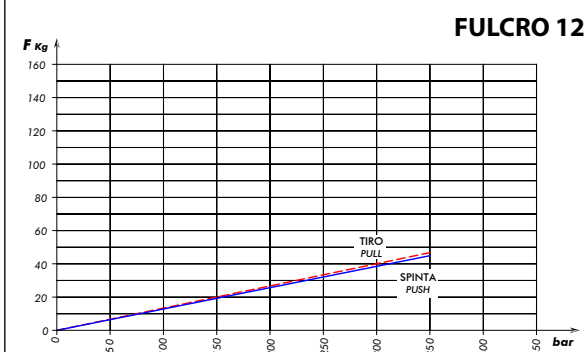
Tipo pompa Pump type	Taratura standard Standard pressure setting bar	Taratura massima Max. pressure setting bar	Cilindrata Displacement			Peso Weight kg
			Completa / Full cm ³	Tiro / Pull cm ³	Spinta / Push cm ³	
FULCRO 12	160	300	12	6,1	5,9	2,8
FULCRO 25	160	300	25	13,4	11,6	2,9
FULCRO 45	160	270	45	23,7	21,3	3,2

Fluido idraulico Fluid	Minerale o sintetico compatibile con guarnizioni: Mineral or synthetic compatible with the following seals: NBR, FKM, FPM, Nylon				
Viscosità cinematica consigliata Kinematic viscosity suggested	T media ambiente (°C) Average ambient temp. (°C)	< -10	-10÷10	10÷35	> 35
	VG (cSt = mm ² /s)	22	32	46	68
Temperatura di utilizzo Working temperature		-40° +100°C			

Kit guarnizioni / Seal kit

FULCRO 12	FULCRO 25	FULCRO 45
10690010068	10690010031	10690010077

Sforzo in fase di pompaggio con leva standard
Load while pumping with standard lever



Collegamenti / Link:
[Accessori / Accessories](#)
[Istruzioni di montaggio / Mounting instructions](#)