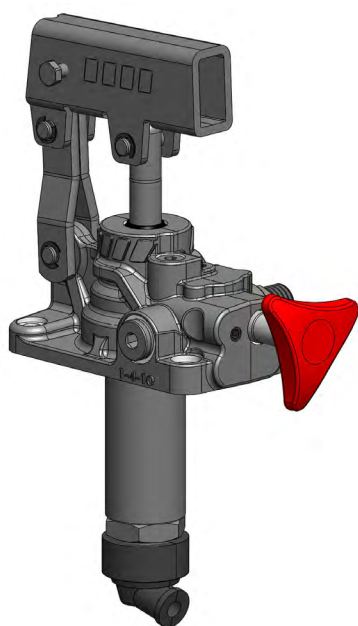




Pompe a mano con azionamento a doppio effetto (la pompa eroga olio sia spingendo che tirando la leva) per impianti a semplice effetto, direttamente flangiabili su serbatoio e con rubinetto di scarico a tenuta conica incorporato. Sono disponibili in tre diverse cilindrata per consentire le più svariate applicazioni e per limitare lo sforzo sulla leva in ogni situazione. **TRATTAMENTO ALTA RESISTENZA ALLA CORROSIONE (700 ore in nebbia salina).**

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. **HIGH RESISTANCE TREATMENT AGAINST CORROSION (Salt spray test=700 hours).***

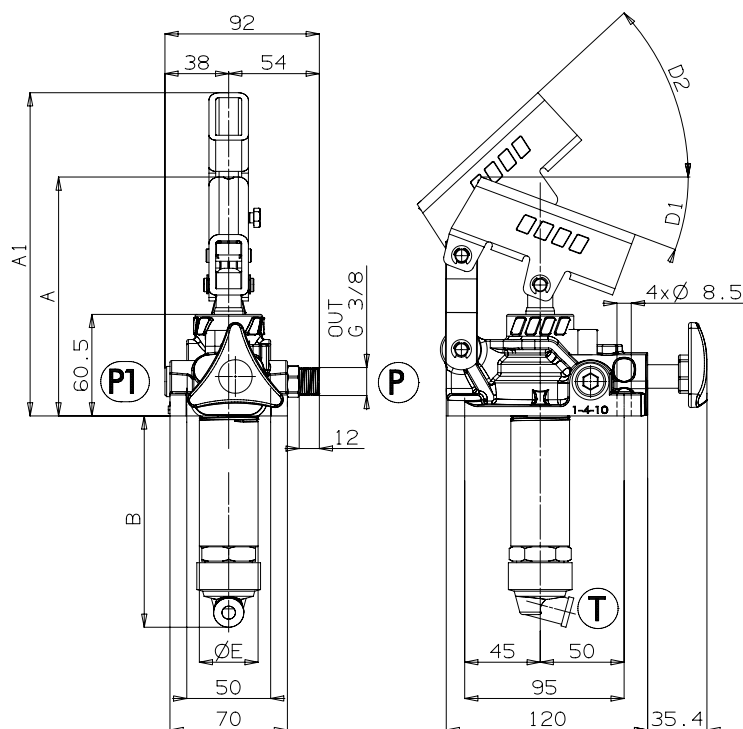
Codice di ordinazione (senza leva) Order code (without lever)

	FULCRO 12	FULCRO 25	FULCRO 45
Senza serbatoio Without tank	10602300124	10602300259	10602300455



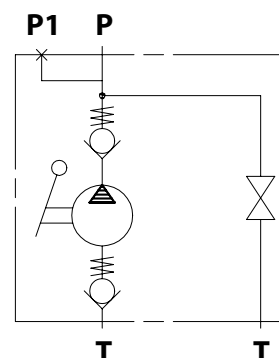
Collegamenti / Link:
[Serbatoi / Tanks](#)

Ingombro / Dimensions

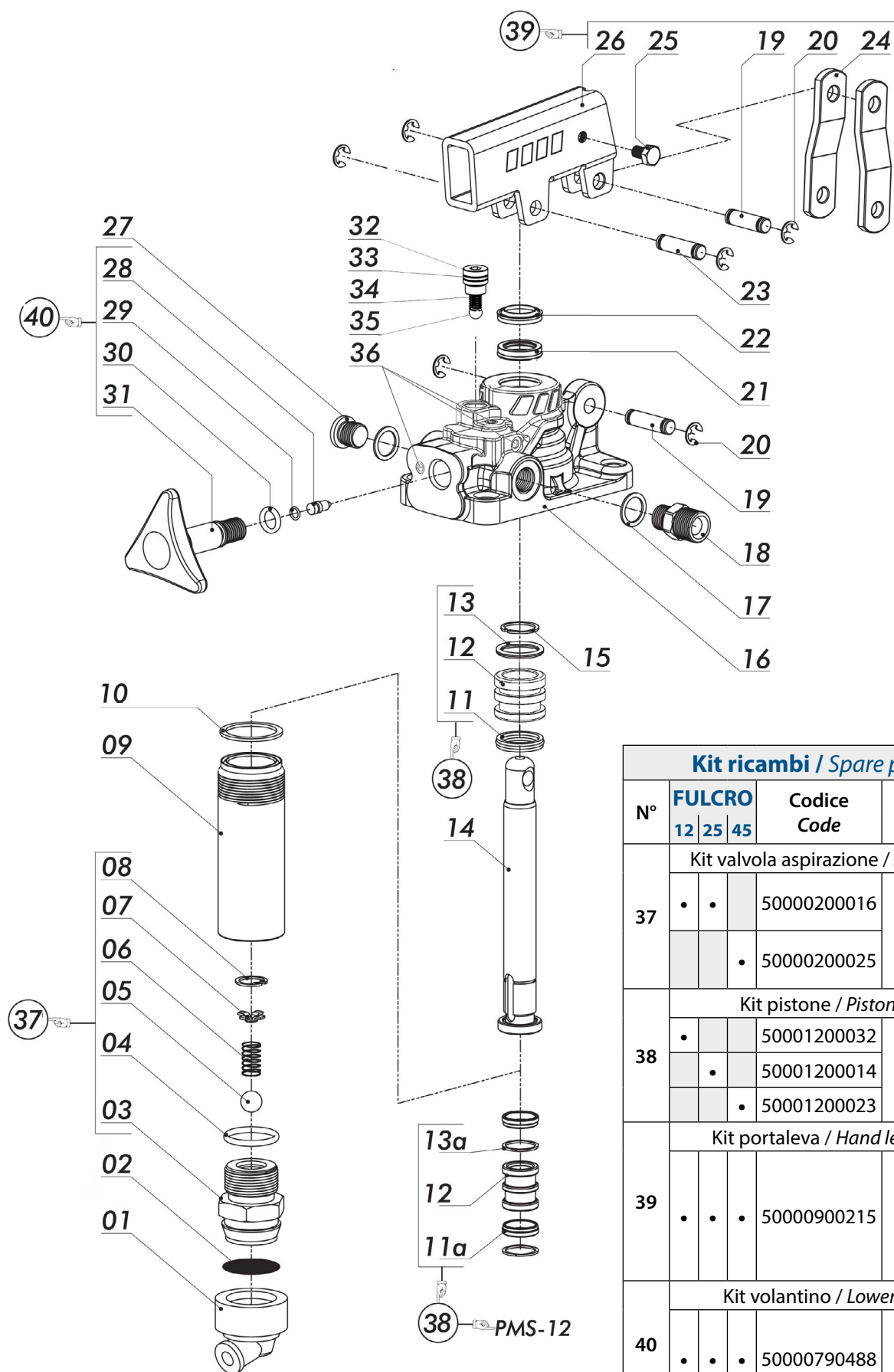


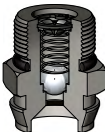
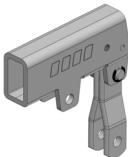
	A mm	A1 mm	B mm	D1 °	D2 °	E mm
FULCRO 12	143	187	120	18,5	45	35
FULCRO 25	142	193	127	20	45	35
FULCRO 45	141	193	138	20	45	42

Schema idraulico / Hydraulic layout



Schema ricambio / Spare parts



Kit ricambi / Spare parts kits						
N°	FULCRO			Codice Code	Gruppo Assembly	
	12	25	45			
37	Kit valvola aspirazione / Suction valve kit					
	•	•		50000200016		
			•	50000200025		
38	Kit pistone / Piston assembly					
	•			50001200032		
		•		50001200014		
			•	50001200023		
39	Kit portaleva / Hand lever holder kit					
	•	•	•	50000900215		
40	Kit volantino / Lowering valve kit					
	•	•	•	50000790488		

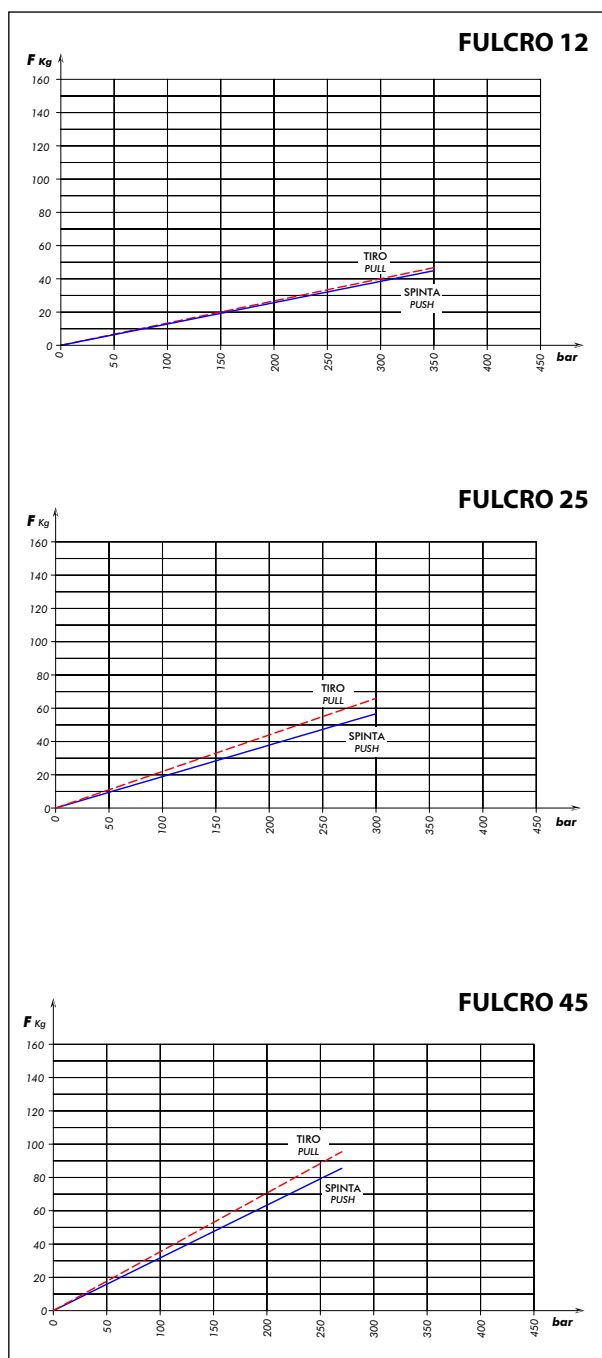
N°	FULCRO			Codice Code		Descrizione Description	Q.
	12	25	45				
1	•	•	•	50600000392		Guarnizione portafiltro <i>Suction cap</i>	1
2	•	•	•	55000100012		Filtro acciaio rotondo <i>Steel strainer</i>	1
3	•	•		54000500019	Corpo valvola di aspirazione	Suction valve casing	1
			•	54000500037			
4	•	•		50600200201	Guarnizione OR	O-ring	1
			•	50600300095			
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		•		50600000258	Guarnizione speciale	Special gasket	1
			•	50600000267			
12	•			53200200082	Pistone	Piston	1
		•		53200200028			
			•	53200200037			
13a	•			55000400046	Anello antiestrusore	Locking ring	2
13		•		50600200158	Guarnizione OR	O-ring	1
			•	50600200229			
14	•			53500100121	Stelo	Piston rod	1
		•		53500100069			
			•	53500100078			
15	•			50101100086	Anello elastico	Circlip	1
		•		50101100111			
			•	50101100148			
16	•			51700197544	Corpo pompa a mano	Hand pump housing	1
		•		51700197722			
			•	51700197900			
17	•	•	•	11600900158	Rondella utilizzi	Washer	2
18	•	•	•	11600692599	Nipplo utilizzi	Pressure nipple	1
19	•	•	•	52600190953	Spinotto lunghezza 26mm	Gudgeon Pin 26mm	2
20	•	•	•	50101590280	Anello elastico	Circlip	6
21	•			50600001926	Guarnizione a labbro	Lip seal	1
		•		50600001935			
			•	50600001944			
22	•			50600002729	Guarnizione raschiapolvere	Wiper seal	1
		•		50600002701			
			•	50600002738			
23	•	•	•	52600190864	Spinotto	Gudgeon Pin	1
24	•	•	•	53800190814	Biella	Brackets	2
25	•	•	•	50200290121	Vite blocco leva	Locking lever screw	1
26	•	•	•	53900192123	Portaleva	Lever holder	1
27	•	•	•	11500691172	Tappo utilizzo	Pressure port plug	1
28	•	•	•	54300400023	Spillo tenuta	Pin	1
29	•	•	•	50600000589	Guarnizione OR	O-ring	1
30	•	•	•	50600200014	Guarnizione OR	O-ring	1
31	•	•	•	50000193570	Volantino	Lowering wheel	1
32	•	•	•	54000394779	Tappo valvola di ritegno	Plug	1
33	•	•	•	50601909150	Guarnizione ORM 0090-15	ORM 0090-15	1
34	•	•	•	51200500509	Molla	Spring	1
35	•	•	•	51000900054	Sfera 1/4" (Ø6.35)	Ball 1/4" (Ø6.35)	1
36	•	•	•	50101090181	Grano conico 1/16" NPTF	Conical plug 1/16" NPTF	3

Dati tecnici / Technical data

Tipo pompa Pump type	Pressione massima Max. pressure setting bar	Cilindrata Displacement			Peso Weight kg
		Completa / Full cm ³	Tiro / Pull cm ³	Spinta / Push cm ³	
FULCRO 12	350	12	6,1	5,9	2,8
FULCRO 25	300	25	13,4	11,6	2,9
FULCRO 45	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		-15° +110°C			

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



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