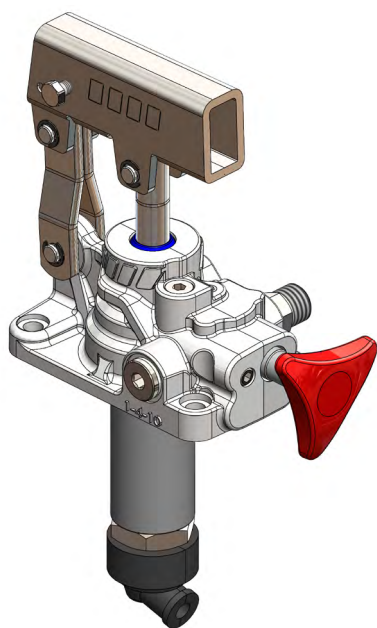




Pompe a mano con azionamento a doppio effetto (la pompa eroga olio sia spingendo che tirando la leva) per impianti a semplice effetto, direttamente flangiabili su serbatoio e con rubinetto di scarico a tenuta conica incorporato. Sono disponibili in tre diverse cilindrata per consentire le più svariate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

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.

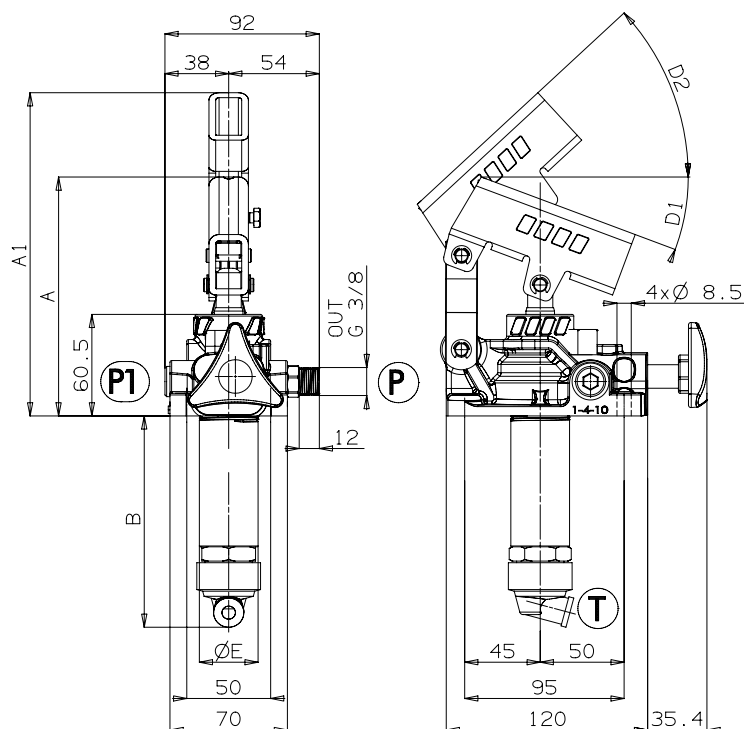
These hand pumps can have 3 different sizes to perform various applications and to achieve smoother loads on the lever. They are available with nodular cast-iron body zinc plating+sealed and nickel-plated spool.

Codice di ordinazione (senza leva)

Order code (without lever)

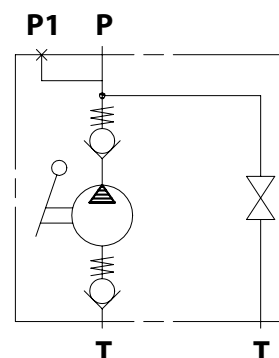
		FULCRO 12	FULCRO 25	FULCRO 45
Senza serbatoio Without tank		10601500017	10600400010	10600400029
Con serbatoio With tank	1	10601400018	10600200012	10600300066
	2	10601400027	10600200021	10600300057
	3	10601400036	10600200030	10600300011
	4	10601400040	10600200037	10600300075
	5	10601400045	10600200049	10600300020
	7	10601400054	10600200058	10600300039
	10	10601400063	10600200067	10600300048

Ingombro / Dimensions

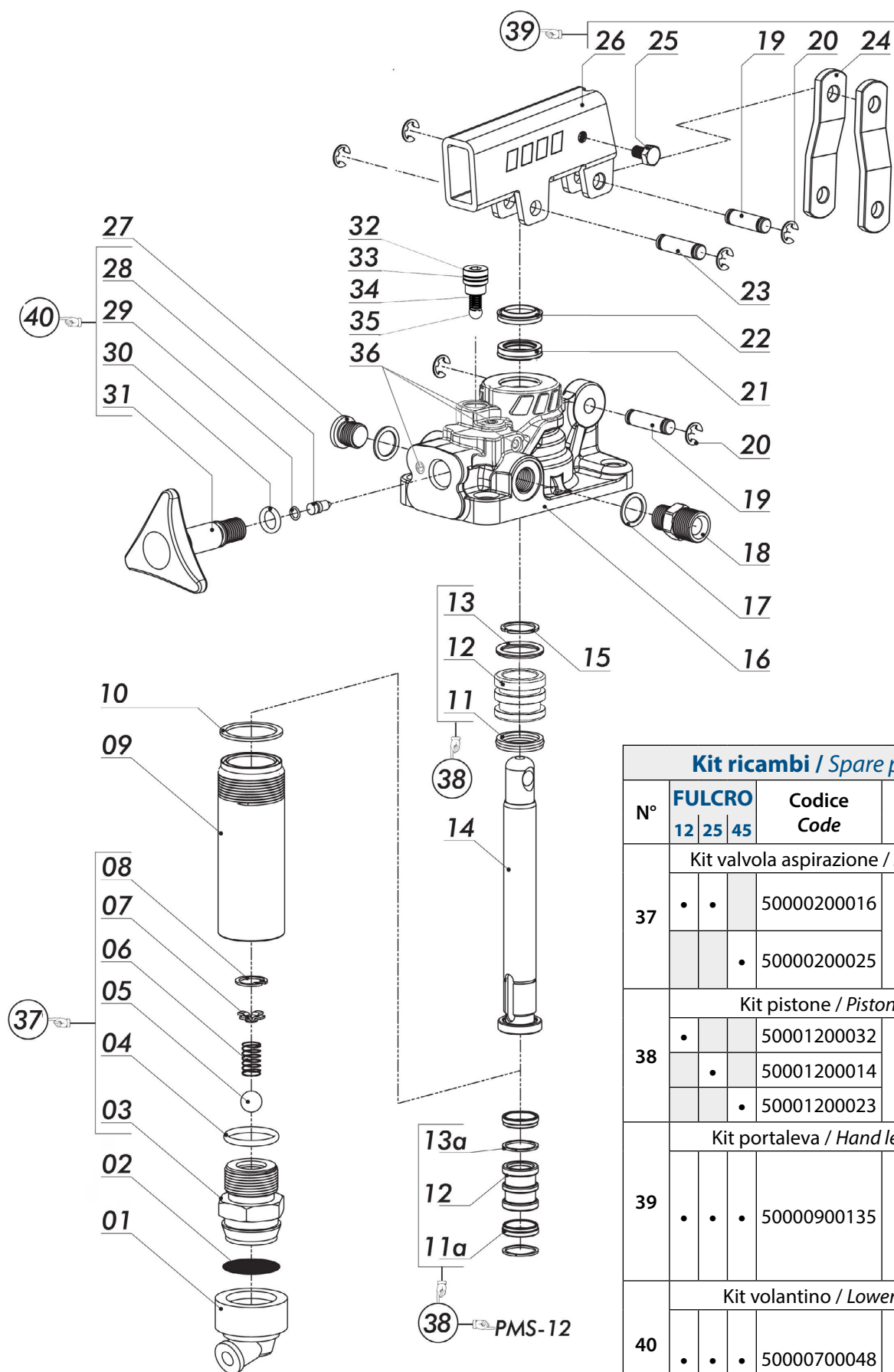


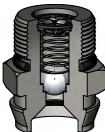
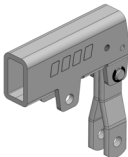
	A	A1	B	D1	D2	E
	<i>mm</i>	<i>mm</i>	<i>mm</i>	°	°	<i>mm</i>
FULCRO 12	143	187	120	18,5	45	35
FULCRO 25	142	193	127	20	45	35
FULCRO 45	141	193	138	20	45	42

Schema idraulico / Hydraulic layout



Schema ricambio / Spare parts



Kit ricambi / Spare parts kits					
N°	FULCRO 12 25 45			Codice Code	Gruppo Assembly
37	Kit valvola aspirazione / Suction valve kit				
	•	•		50000200016	
			•	50000200025	
38	Kit pistone / Piston assembly				
	•			50001200032	
		•		50001200014	
		•	50001200023		
39	Kit portaleva / Hand lever holder kit				
	•	•	•	50000900135	
40	Kit volantino / Lowering valve kit				
	•	•	•	50000700048	

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 <i>Suction valve casing</i>	1
			•	54000500037			
4	•	•		50600200201		Guarnizione OR <i>O-ring</i>	1
			•	50600300095			
5	•	•	•	51000900116		Sfera tenuta <i>Ball</i>	1
6	•	•	•	51200500689		Molla valvola di aspirazione <i>Spring for suction valve</i>	1
7	•	•	•	55000100101		Guidamolla <i>Spring-guide</i>	1
8	•	•	•	50100100113		Anello elastico <i>Circlip</i>	1
9	•			53700200037		Cilindro acciaio <i>Steel stem</i>	1
		•		53700200019			
			•	53700200028			
10	•	•		11600901255		Rondella tenuta cilindro <i>Washer</i>	1
			•	11600901308			
11a	•			50600000516		Guarnizione speciale <i>Special gasket</i>	2
11		•		50600000258		Guarnizione speciale <i>Special gasket</i>	1
			•	50600000267			
12	•			53200200082		Pistone <i>Piston</i>	1
		•		53200200028			
			•	53200200037			
13a	•			55000400046		Anello antiestrusore <i>Locking ring</i>	2
13		•		50600200158		Guarnizione OR <i>O-ring</i>	1
			•	50600200229			
14	•			53500100121		Stelo <i>Piston rod</i>	1
		•		53500100069			
			•	53500100078			
15	•			50101100086		Anello elastico <i>Circlip</i>	1
		•		50101100111			
			•	50101100148			
16	•			51700100754		Corpo pompa a mano <i>Hand pump housing</i>	1
		•		51700100772			
			•	51700100790			
17	•	•	•	11600900158		Rondella utilizzi <i>Washer</i>	2
18	•	•	•	11600600259		Nipplo utilizzi <i>Pressure nipple</i>	1
19	•	•	•	52600100095		Spinotto lunghezza 26mm <i>Gudgeon Pin 26mm</i>	2
20	•	•	•	50101500028		Anello elastico <i>Circlip</i>	6
21	•			50600001926		Guarnizione a labbro <i>Lip seal</i>	1
		•		50600001935			
			•	50600001944			
22	•			50600002729		Guarnizione raschiapolvere <i>Wiper seal</i>	1
		•		50600002701			
			•	50600002738			
23	•	•	•	52600100086		Spinotto <i>Gudgeon Pin</i>	1
24	•	•	•	53800100081		Biella <i>Brackets</i>	2
25	•	•	•	50200200012		Vite blocco leva <i>Locking lever screw</i>	1
26	•	•	•	53900100212		Portaleva <i>Lever holder</i>	1
27	•	•	•	11500600117		Tappo utilizzo <i>Pressure port plug</i>	1
28	•	•	•	54300400023		Spillo tenuta <i>Pin</i>	1
29	•	•	•	50600000589		Guarnizione OR <i>O-ring</i>	1
30	•	•	•	50600200014		Guarnizione OR <i>O-ring</i>	1
31	•	•	•	50000100357		Volantino <i>Lowering wheel</i>	1
32	•	•	•	54000300477		Tappo valvola di ritegno <i>Plug</i>	1
33	•	•	•	50601909150		Guarnizione ORM 0090-15 <i>ORM 0090-15</i>	1
34	•	•	•	51200500509		Molla <i>Spring</i>	1
35	•	•	•	51000900054		Sfera 1/4" (Ø6.35) <i>Ball 1/4" (Ø6.35)</i>	1
36	•	•	•	50401000018		Grano conico 1/16" NPTF <i>Conical plug 1/16" NPTF</i>	3

Dati tecnici / Technical data

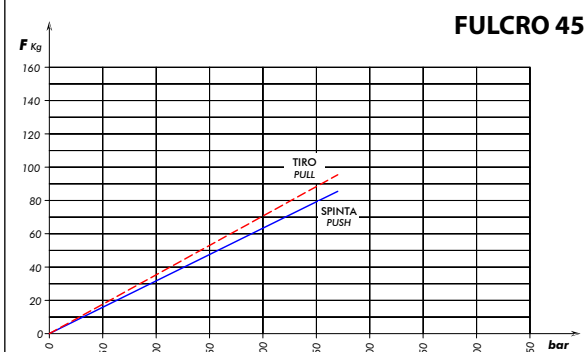
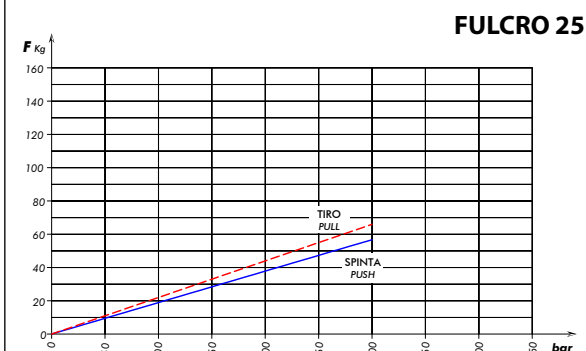
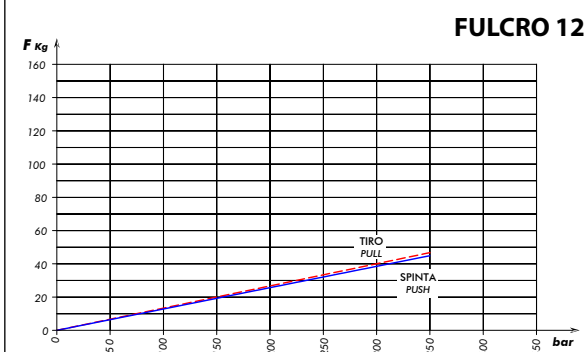
Tipo pompa Pump type	Pressione massima Max. pressure setting bar	Cilindrata Displacement			Peso Weight kg
		Completa / Full cm ³	Tiro / Pull cm ³	Spinta / Push cm ³	
FULCRO 12	350	12	6,1	5,9	2,8
FULCRO 25	300	25	13,4	11,6	2,9
FULCRO 45	270	45	23,7	21,3	3,2

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			

Kit guarnizioni / Seal kit

FULCRO 12	FULCRO 25	FULCRO 45
10690000408	10690000453	10690000506

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



Collegamenti / Link:

[Serbatoi / Tanks](#)

[Accessori / Accessories](#)

[Istruzioni di montaggio / Mounting instructions](#)