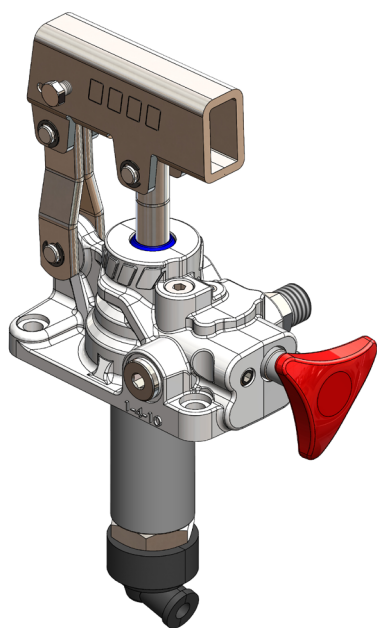




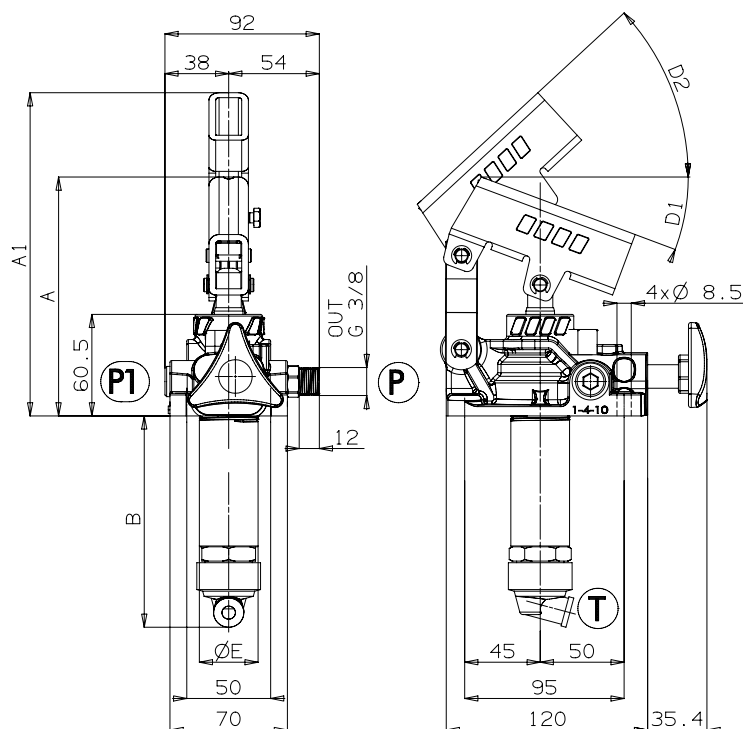
Pompe a mano con azionamento a doppio effetto (la pompa eroga olio sia spingendo che tirando la leva) per impianti a semplice effetto, direttamente flangiabili su serbatoio e con rubinetto di scarico a tenuta conica incorporato. Sono disponibili in tre diverse cilindrate per consentire le più svariate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

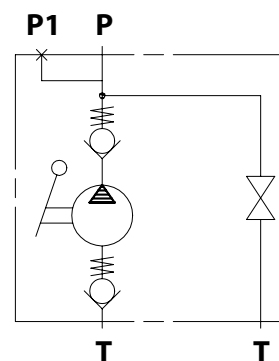
	FULCRO 12	FULCRO 25	FULCRO 45
Senza serbatoio Without tank	10601500017	10600400010	10600400029
Con serbatoio With tank	1	10601400018	10600200012
	2	10601400027	10600200021
	3	10601400036	10600200030
	4	10601400040	10600200037
	5	10601400045	10600200049
	7	10601400054	10600200058
	10	10601400063	10600200067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

Ingombro / Dimensions

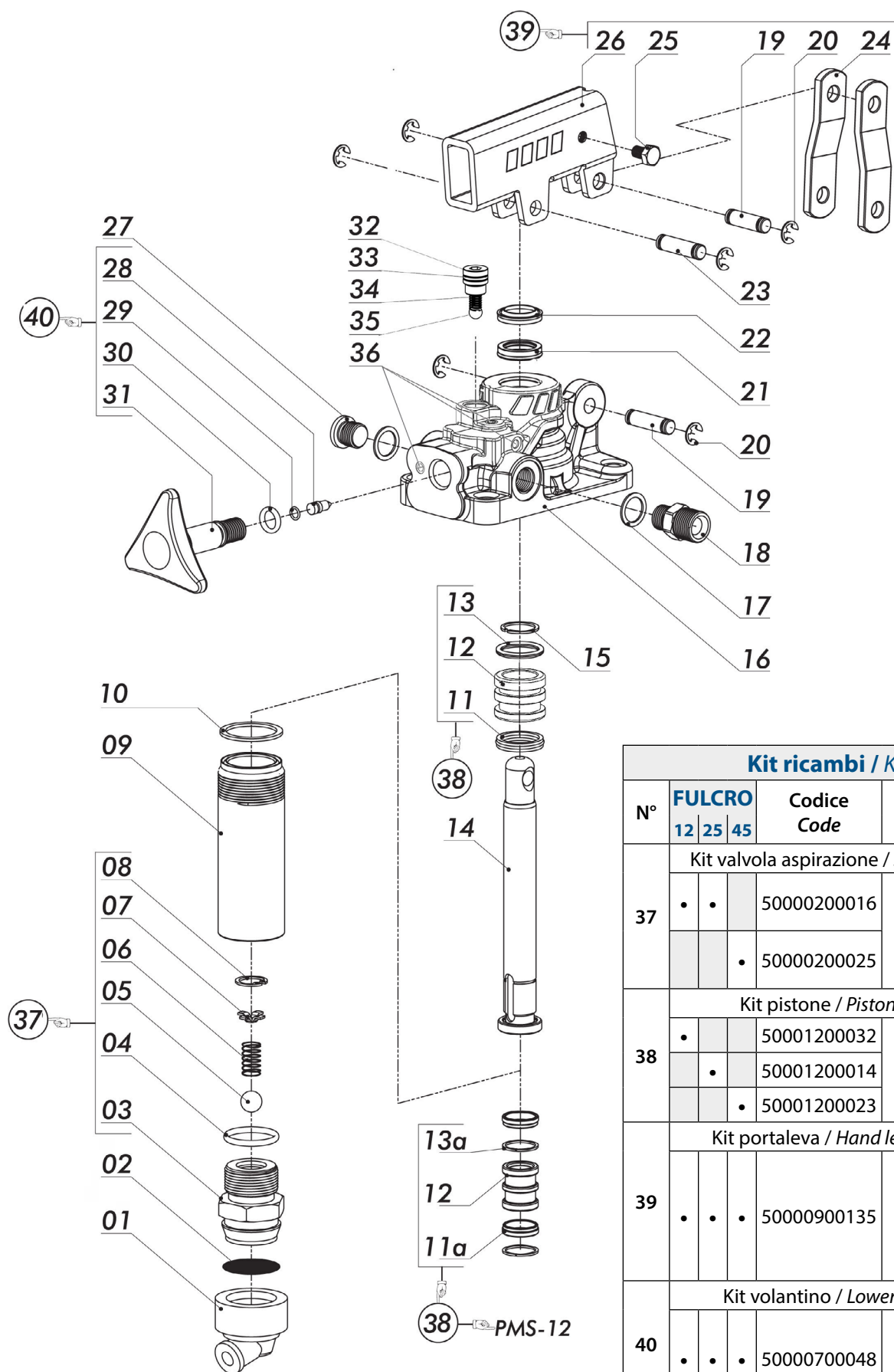


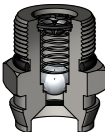
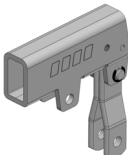
	A	A1	B	D1	D2	E
	mm	mm	mm	°	°	mm
FULCRO 12	143	187	120	18,5	45	35
FULCRO 25	142	193	127	20	45	35
FULCRO 45	141	193	138	20	45	42

Schema idraulico / Hydraulic layout



Schema ricambio / Spare parts



Kit ricambi / Kit's					
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 12 25 45			Codice Code	Descrizione Description	Q.
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

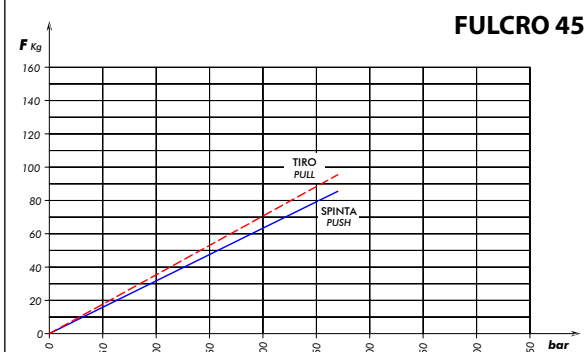
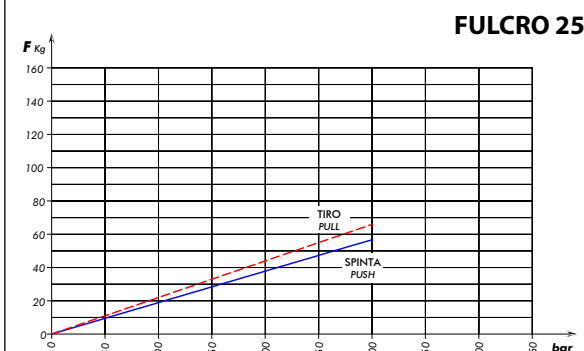
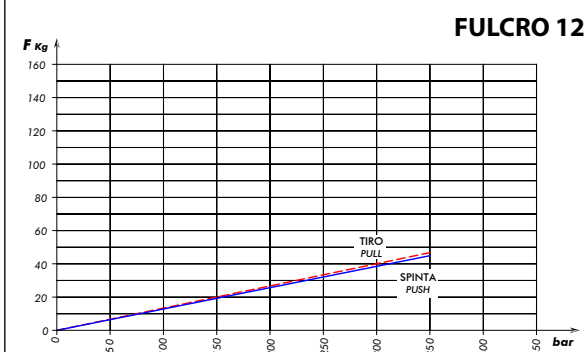
Tipo pompa Pump type	Pressione massima Max. pressure setting bar	Cilindrata Displacement			Peso Weight kg
		Completa / Full cm ³	Tiro / Pull cm ³	Spinta / Push cm ³	
FULCRO 12	350	12	6,1	5,9	2,8
FULCRO 25	300	25	13,4	11,6	2,9
FULCRO 45	270	45	23,7	21,3	3,2

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](#)