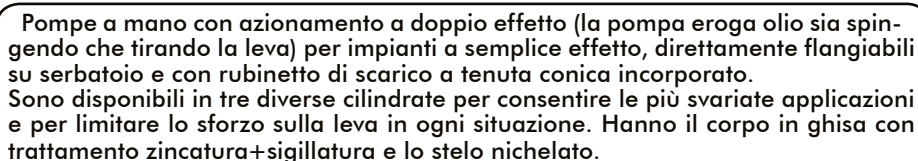


PMS
12-25-45

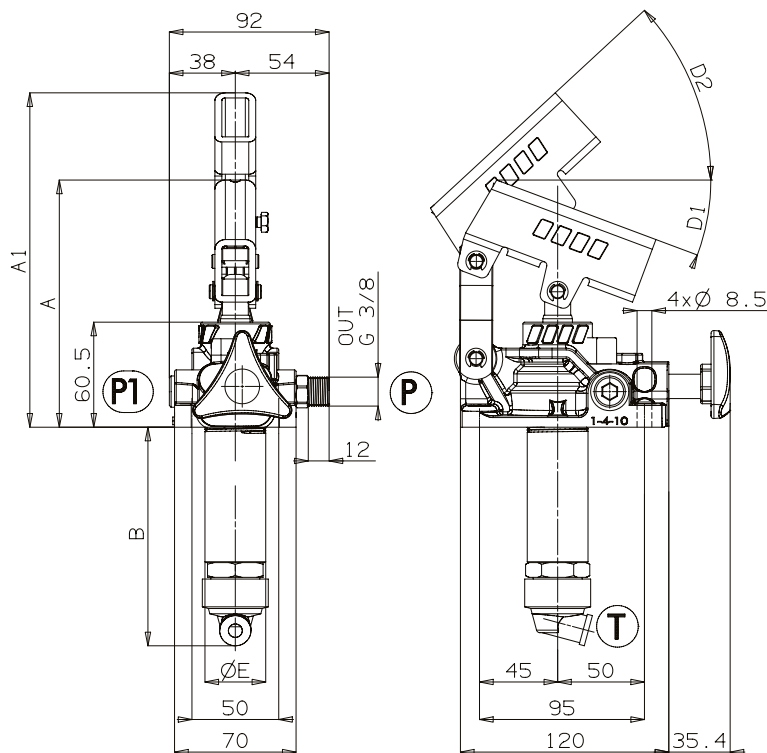
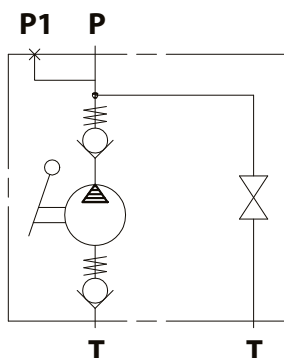


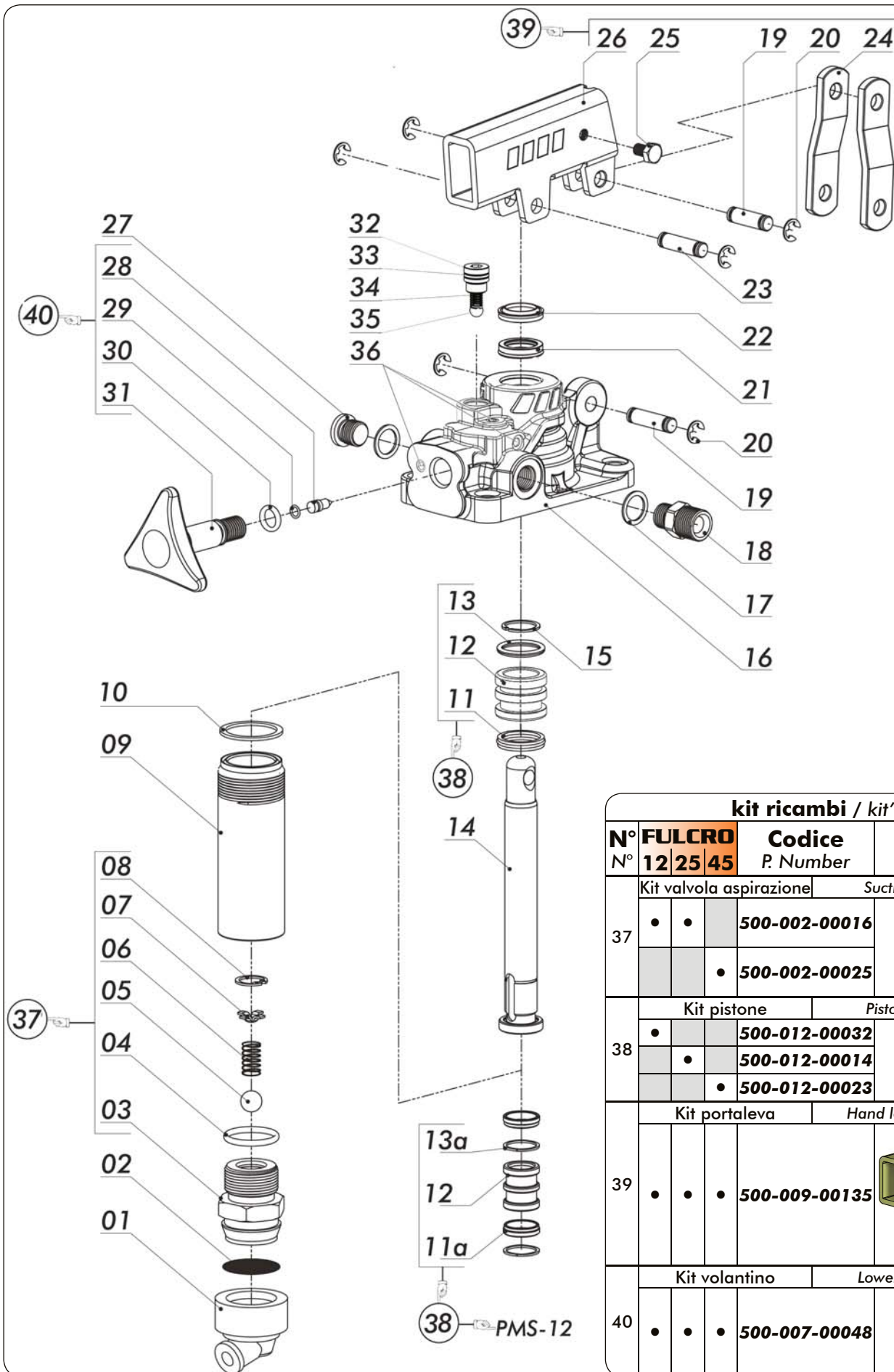
These hand pumps can have 3 different sizes to perform various applications and to achieve smoother loads on the lever. They are available with nodular cast-iron body zinc plating+sealed and nickel-plated spool.

Ingombro
Overall Dimension

	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





kit ricambi / kit's						
N°	FULCRO			Codice	Gruppo	
N°	12	25	45	P. Number	Assembly	
37	Kit valvola aspirazione			Suction valve kit		
	•	•		500-002-00016		
			•	500-002-00025		
38	Kit pistone			Piston assembly		
	•			500-012-00032		
		•		500-012-00014		
			•	500-012-00023		
39	Kit portaleva			Hand lever holder kit		
	•	•	•	500-009-00135		
40	Kit volantino			Lowering valve kit		
	•	•	•	500-007-00048		

N°	FULCRO			Codice P. Number	Descrizione Description		Q.
	12	25	45				
1	•	•	•	506-000-00392	Guarnizione portafiltro	Suction cap	1
2	•	•	•	550-001-00012	Filtro acciaio rotondo	Steel strainer	1
3	•	•	•	540-005-00019	Corpo valvola di aspirazione	Suction valve casing	1
	•	•	•	540-005-00037			
4	•	•	•	506-002-00201	Guarnizione OR	O-ring	1
	•	•	•	506-003-00095			
5	•	•	•	510-009-00116	Sfera tenuta	Ball	1
6	•	•	•	512-005-00689	Molla valvola di aspirazione	Spring for suction valve	1
7	•	•	•	550-001-00101	Guidamolla	Spring-guide	1
8	•	•	•	501-001-00113	Anello elastico	Circlip	1
9	•	•	•	537-002-00037	Cilindro acciaio	Steel stem	1
	•	•	•	537-002-00019			
	•	•	•	537-002-00028			
10	•	•	•	116-009-01255	Rondella tenuta cilindro	Washer	1
	•	•	•	116-009-01308			
11a	•	•	•	506-000-00516	Guarnizione speciale	Special gasket	2
11	•	•	•	506-000-00258	Guarnizione speciale	Special gasket	1
	•	•	•	506-000-00267			
12	•	•	•	532-002-00082	Pistone	Piston	1
	•	•	•	532-002-00028			
	•	•	•	532-002-00037			
13a	•	•	•	550-004-00046	Anello antiestrusore	Locking ring	2
13	•	•	•	506-002-00158	Guarnizione OR	O-ring	1
	•	•	•	506-002-00229			
14	•	•	•	535-001-00121	Stelo	Piston rod	1
	•	•	•	535-001-00069			
	•	•	•	535-001-00078			
15	•	•	•	501-011-00086	Anello elastico	Circlip	1
	•	•	•	501-011-00111			
	•	•	•	501-011-00148			
16	•	•	•	517-001-00754	Corpo pompa a mano	Hand pump housing	1
	•	•	•	517-001-00772			
	•	•	•	517-001-00790			
17	•	•	•	116-009-00158	Rondella utilizzi	Washer	2
18	•	•	•	116-006-00259	Nipplo utilizzi	Pressure nipple	1
19	•	•	•	526-001-00095	Spinotto lunghezza 26mm	Gudgeon Pin 26mm	2
20	•	•	•	501-015-00028	Anello elastico	Circlip	6
21	•	•	•	506-000-01926	Guarnizione a labbro	Lip seal	1
	•	•	•	506-000-01935			
	•	•	•	506-000-01944			
22	•	•	•	506-000-02729	Guarnizione raschiapolvere	Wiper seal	1
	•	•	•	506-000-02701			
	•	•	•	506-000-02738			
23	•	•	•	526-001-00086	Spinotto	Gudgeon Pin	1
24	•	•	•	538-001-00081	Biella	Brackets	2
25	•	•	•	502-002-00012	Vite blocco leva	Locking lever screw	1
26	•	•	•	539-001-00212	Portaleva	Lever holder	1
27	•	•	•	115-006-00117	Tappo utilizzo	Pressure port plug	1
28	•	•	•	543-004-00023	Spillo tenuta	Pin	1
29	•	•	•	506-000-00589	Guarnizione OR	O-ring	1
30	•	•	•	506-002-00014	Guarnizione OR	O-ring	1
31	•	•	•	500-001-00357	Volantino	Lowering wheel	1
32	•	•	•	540-003-00477	Tappo valvola di ritegno	Plug	1
33	•	•	•	506-019-09150	Guarnizione ORM 0090-15	ORM 0090-15	1
34	•	•	•	512-005-00509	Molla	Spring	1
35	•	•	•	510-009-00054	Sfera 1/4" (Ø6.35)	Ball 1/4" (Ø6.35)	1
36	•	•	•	504-010-00018	Grano conico 1/16" NPTF	Conical plug 1/16" NPTF	3

Codice fascicolo: 997-400-10610

Data: Venerdì 3 novembre 2017

Codice foglio: 997-106-00410 Rev: AN

Dati Tecnici

Technical data

Tipo pompa Pump type	Pressione Massima Max. pressure setting	Cilindrata Displacement			Peso Weight
		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 di guarnizioni

Seal kit

FULCRO 12	FULCRO 25	FULCRO 45
106-900-00408	106-900-00453	106-900-00506



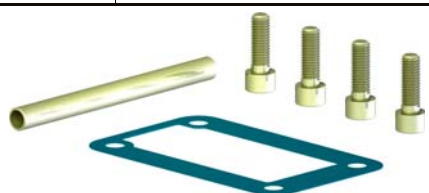
106-000-00032 PIA.APP.GRP.PMP. PMS-PMI
MOUNTING PLATE FOR TANK PMS-PMI



106-000-00078 AST. CON IMP.PMS/PMI L.600 MM 30x15
LEVER FOR PMS/PMI L. 600 MM 30x15



106-000-00247 MAGGIORAZIONE RITORNO A MOLLA X PMS
SPRING RETURN FOR PMS

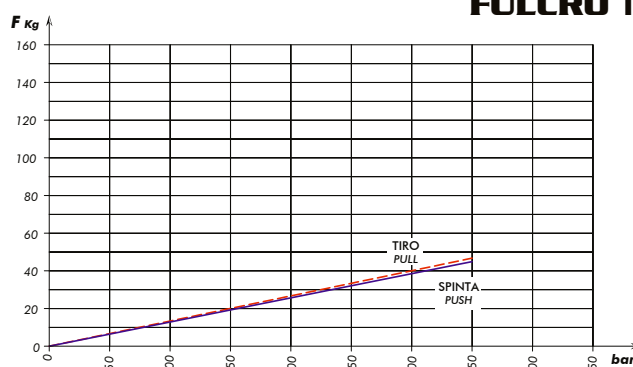


106-960-00700 KIT MONTAGGIO POMPE PMS/PMI
MOUNTING KIT FOR PUMPS PMS/PMI

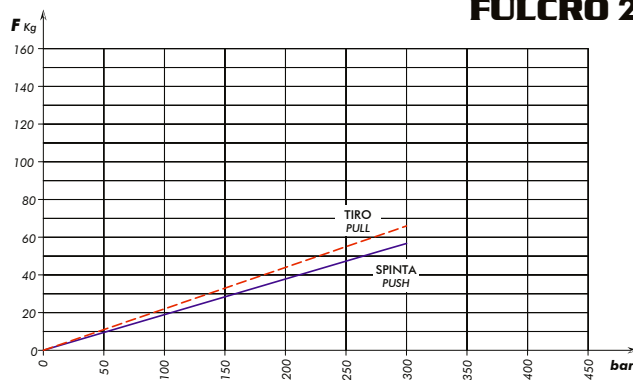
Sforzo in fase di pompaggio con leva standard

Load while pumping with standard lever

FULCRO 12



FULCRO 25



FULCRO 45

