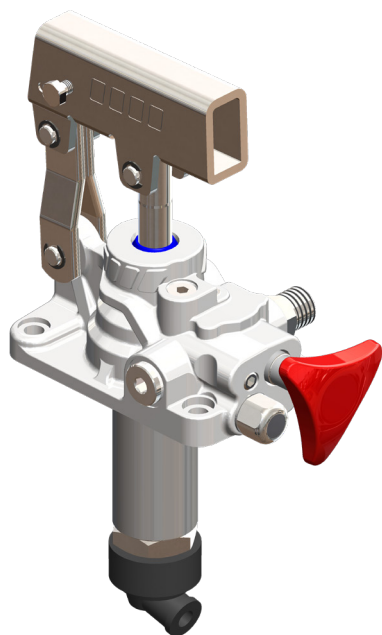




Pompe a mano con azionamento a doppio effetto (la pompa eroga olio sia spingendo che tirando la leva) per impianti a semplice effetto, direttamente flangiabili su serbatoio e con rubinetto di scarico a tenuta conica incorporato. Sono disponibili in tre diverse cilindrata per consentire le più svariate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

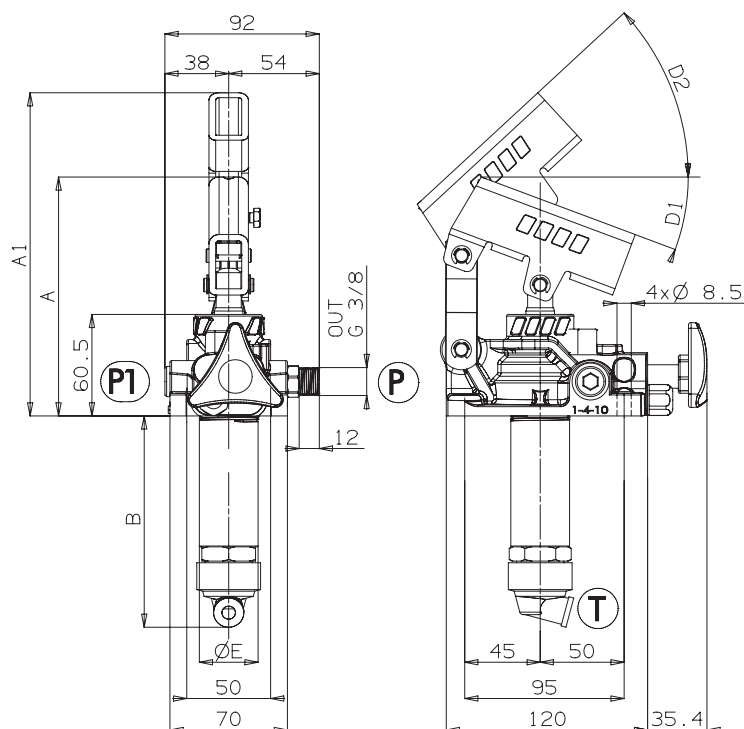
*Double acting hand pumps (the pump delivers oil both pushing and pulling the lever) suitable to operate single acting applications. They can be fitted also onto tank and are equipped with tapered lowering valve.*

*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)*

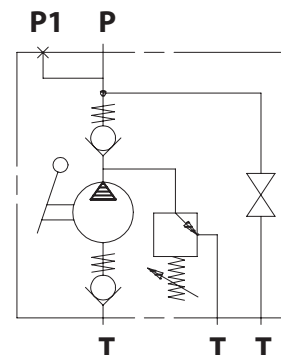
|                                               |           | <b>FULCRO 12</b> | <b>FULCRO 25</b> | <b>FULCRO 45</b> |
|-----------------------------------------------|-----------|------------------|------------------|------------------|
| <b>Senza serbatoio</b><br><i>Without tank</i> |           | 10601900013      | 10601000012      | 10601000021      |
| <b>Con serbatoio</b><br><i>With tank</i>      | <b>1</b>  | 10601800014      | 10600800016      | 10600900060      |
|                                               | <b>2</b>  | 10601800023      | 10600800025      | 10600900051      |
|                                               | <b>3</b>  | 10601800032      | 10600800034      | 10600900015      |
|                                               | <b>4</b>  | 10601800036      | 10600800038      | 10600900079      |
|                                               | <b>5</b>  | 10601800041      | 10600800043      | 10600900024      |
|                                               | <b>7</b>  | 10601800050      | 10600800052      | 10600900033      |
|                                               | <b>10</b> | 10601800069      | 10600800061      | 10600900042      |

**Ingombro / Dimensions**



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

**Schema idraulico / Hydraulic layout**



**Dati tecnici / Technical data**

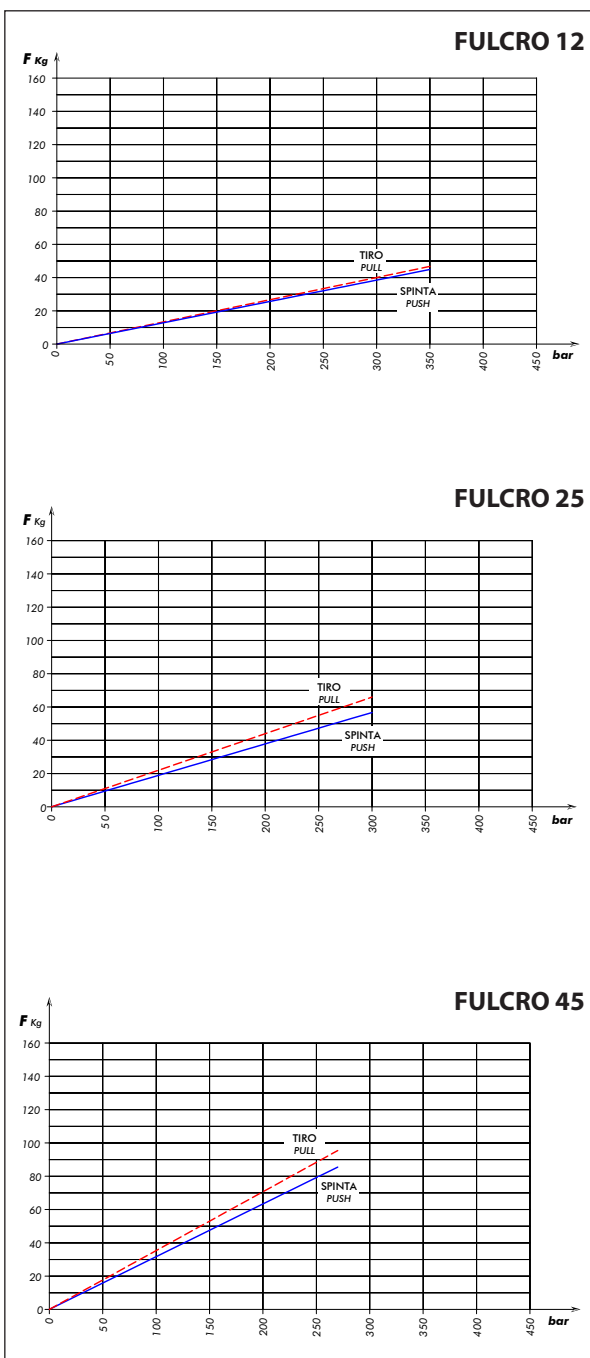
| Tipo pompa<br>Pump type | Taratura standard<br>Standard pressure setting<br>bar | Taratura massima<br>Max. pressure setting<br>bar | Cilindrata<br>Displacement         |                                |                                  | Peso<br>Weight<br>kg |
|-------------------------|-------------------------------------------------------|------------------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

|                                                                   |                                                                                                                                        |             |        |       |      |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|-------|------|
| Fluido idraulico<br>Fluid                                         | Minerale o sintetico compatibile con guarnizioni:<br>Mineral or synthetic compatible with the following seals:<br>NBR, FKM, FPM, Nylon |             |        |       |      |
| Viscosità cinematica consigliata<br>Kinematic viscosity suggested | T media ambiente (°C)<br>Average ambient temp. (°C)                                                                                    | < -10       | -10÷10 | 10÷35 | > 35 |
|                                                                   | VG (cSt = mm <sup>2</sup> /s)                                                                                                          | 22          | 32     | 46    | 68   |
| Temperatura di utilizzo<br>Working temperature                    |                                                                                                                                        | -15° +110°C |        |       |      |

**Kit guarnizioni / Seal kit**

| <b>FULCRO 12</b> | <b>FULCRO 25</b> | <b>FULCRO 45</b> |
|------------------|------------------|------------------|
| 10690000408      | 10690000453      | 10690000506      |

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



**Collegamenti / Link:**

[Ricambi / Spare parts](#)

[Serbatoi / Tanks](#)

[Accessori / Accessories](#)

[Istruzioni di montaggio / Mounting instructions](#)

