



MANUAL PUMP

CHARACTERISTICS

- **MAX. PRESSURE: 3 BAR**
- **RESERVOIR CAPACITY: 400 CM³ TRANSPARENT**
- **FLOW RATE: 15 CC PER STROKE**
- **COUPLINGS: Rp 1/8" THREAD UNI ISO 7/1**
- **SUCTION FILTER: 40 MICRONS**
- **PERMITTED LUBRICANTS: OIL WITH A VISCOSITY RANGING BETWEEN 100 AND 250 cST AT THE FLUID'S OPERATING TEMPERATURE.**
- **RELATIVE VALUE: 90**

MANUAL PUMP FOR SINGLE-LINE OIL LUBRICATION SYSTEMS WITH SERIES 12100 METERING UNITS

Piston pump for supplying lubrication systems using Single-Line (01) metering units. Centrally mounted with respect to the two lines enables the length of the system to be extended. It can be used with a single outlet by closing the other one using appropriate plug. By pulling up the control lever, the metering-unit cylinder is filled and a spring is loaded, which, upon release of the lever, acts on the piston, pressing fluid into the delivery pipeline.

RELATIVE VALUE

The relative value determines the number of Single-Line 01 metering units that the pump can continuously supply for a minimum period of 5 minutes. In the case of systems with metering units having the same flow rate, the total number is obtained by dividing the relative number by the relative value of the metering unit.

In the case of metering units with different flow rates, the relative values of each metering unit are added, thereby ensuring that the total does not exceed the relative value of the pump.

The relative value of one metering unit corresponds to the number of drops distributed within a single minute (one drop = 33 mm³).



NUMBER OF METERING UNITS SUPPLY BY THE PUMP WITH A RELATIVE VALUE OF 90

Metering unit code	Relative value	Number of metering units
00/aa	0.75	120
0/a	1	90
1/b	2	45
2/c	4	22
3/d	8	11
4/e	16	5
5/f	32	2

APPLICATIONS

- **LUBRICATION SYSTEMS USING SINGLE-LINE METERING UNITS**

INSTALLATION

Fill the reservoir with fluid to be pumped and repeatedly actuate the lever until fluid comes out.

CAUTION: Upon installation, in order to enable pumping to be triggered, close the delivery holes during the fluid suction phase.

MAINTENANCE

Check the filter periodically in order to avoid clogging. The filter must be cleaned at least two times a year. If necessary, clean it using oil or petrol.

To dismantle the filter, it is necessary to remove the reservoir by rotating it counter-clockwise (the reservoir is attached to the pump's body) removes the filter from its base.



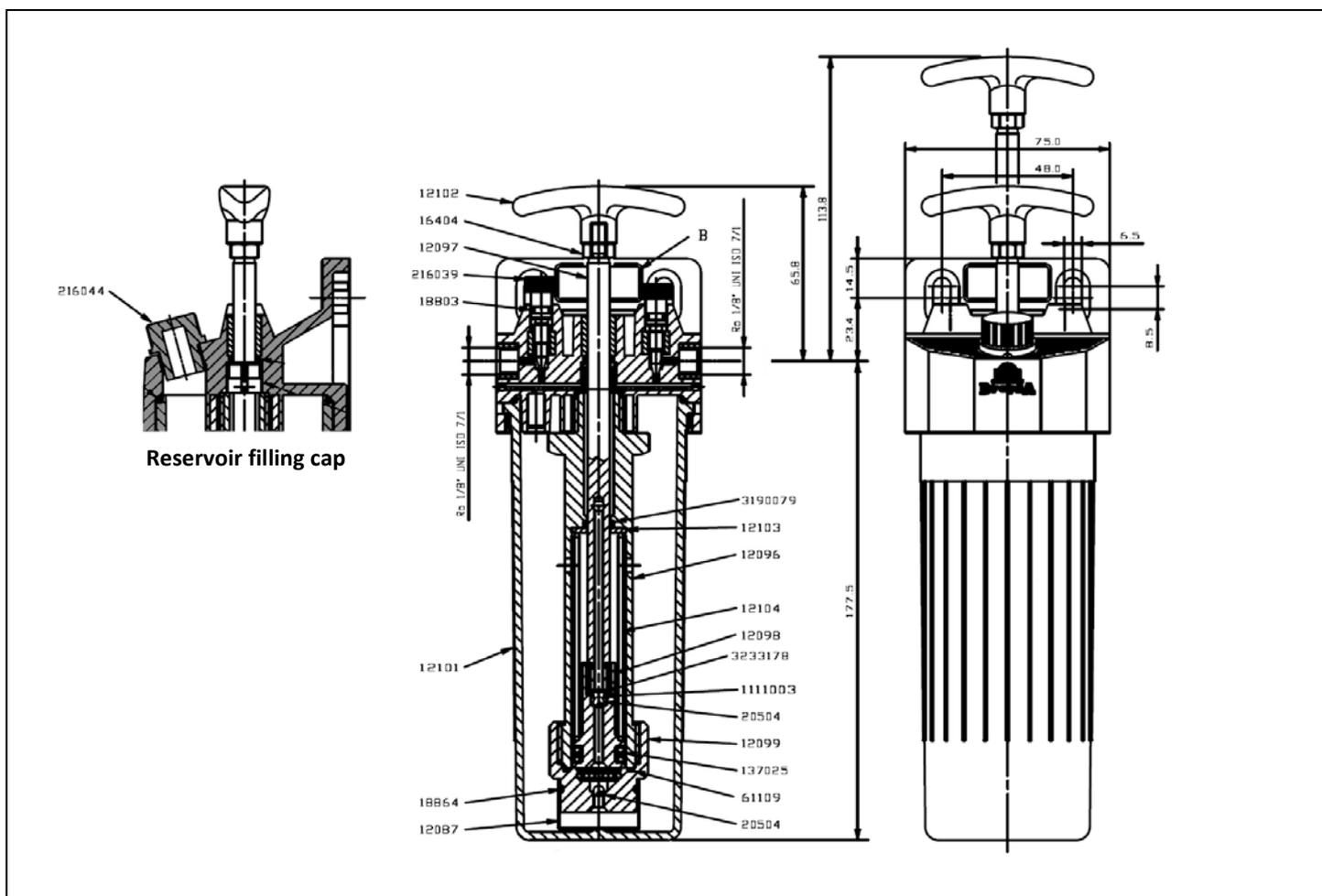
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TECHNICAL INFORMATION

TECHNICAL SPECIFICATIONS

Maximum pressure	3 bar
Reservoir capacity	400 cm ³ (transparent)
Flow rate	15 cc per stroke
Couplings	Rp 1/8" thread UNI ISO 7/1
Suction filter	40 microns
Compatible lubricants	Oil with a viscosity ranging between 100 and 250 cSt at the fluid's operating temperature
Relative value	90

DIMENSIONS



ORDER INFORMATION

DESCRIPTION	CODE
With a bypass	0012100
Without a bypass	0012105

7179290 WK 35/17

Dropsa products can be purchased at Dropsa branches and authorised distributors. Go to www.dropsa.com/contact or write to sales@dropsa.com

Distributor info