

Ultra Air Pump 2



UPDPF705-16/5

Air hydraulic pump, double stage, double piston in line, for quicker advance, single acting, foot operated (feed / hold / return), tank capacity 5L, oil flow 4.29 l/min (1st stage) and 0.29 l/min (2nd stage) at 250bar, max working pressure 700bar

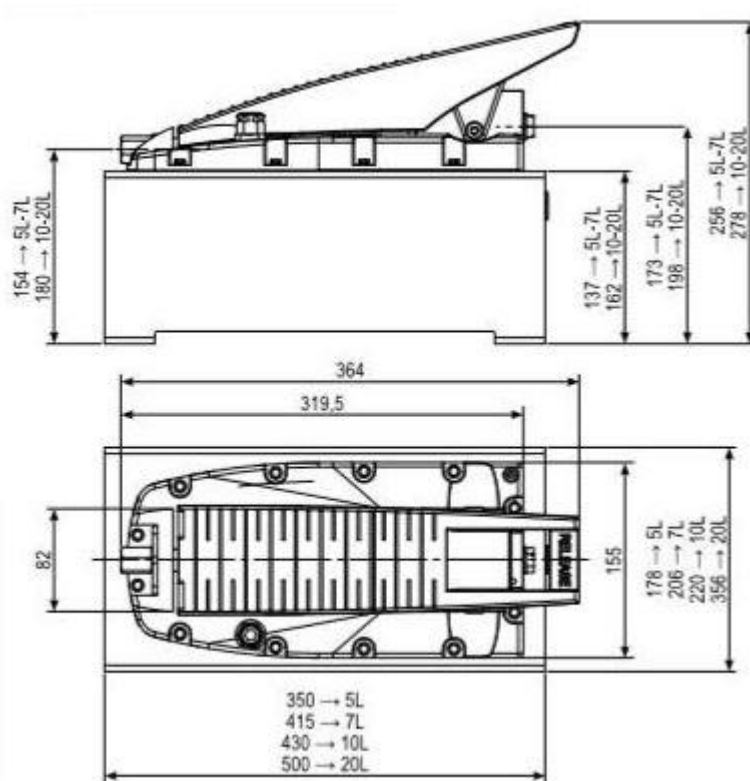
Series: UPD

- Pedal operation
- Foot pedal layout with handle
- Double in-line piston for large oil flows (4.9 l/min - 0.29 l/min at 250bar) and high working pressures (700bar)
- 3-position pedal operation with spring return (advance/hold/release)
- Single-acting cylinder compatibility (double-acting cylinder drive with optional in-line distributor)
- Compact and sturdy construction for heavy duty and long durability
- Easy maintenance
- It does not require lubricated air
- Connectable to the standard pneumatic network
- Horizontal and vertical use
- Vent screw on the lid for oil tank ventilation during use
- Pre-set safety valve on the cover to protect the pump from any counter-pressure
- Internal oil pressure relief valve to protect the circuit parts from any possible overloads
- Removable pyrex oil-port hole level indicator for maximum ease of refilling
- Slots on the base support for easy installation and fix to the system
- Oil tank capacity 5 L for small and large cylinders

Technical features:

| | | |
|----------------------------------|---|--|
| Max working pressure (bar): | 700 | |
| Compatibility: | Single Acting (Double Acting with optional in-line hand valve) | |
| Oil tank capacity (L): | 5 | |
| Usable oil (L): | 4,6 | |
| Max nominal oil flow (l/min): | 0,29 (250bar) | |
| Oil flow unload (l/min): | 4,6 | |
| Oil flow with load (l/min): | 0,29 (250bar) | |
| Oil port: | 3/8"NPTF - G1/4" | |
| Air port: | G1/4" | |
| Valve function: | Advance/Hold/Release | |
| Valve operation: | Manual | |
| Supply: | Air | |
| Pneumatic range (bar): | 4-8 (10 max) | |
| Average air consumption (l/min): | | |
| Noise (dBA): | 80 | |
| Weight (Kg): | 13,9 | |

Size



Series comparison

| Type | Max Pressure (bar) | Cylinder | Oil Tank (L) | Usable (L) | Oil flow Unload (l/min) | Oil flow load (l/min) | Air range (bar) | Air consump (l/min) | W (kg) |
|---------------|--------------------|----------|--------------|------------|-------------------------|-----------------------|-----------------|---------------------|--------|
| UPFD710 | 700 | S.E. | 10 | 9 | 8,5 | 0,26 (700bar) | 4-10 | 780 | 23,6 |
| UPFD725 | 700 | S.E. | 30 | 25 | 8,5 | 0,26 (700bar) | 4-10 | 780 | 48,5 |
| UPDPF705-16/5 | 700 | S.E. | 5 | 4,6 | 4,9 | 0,29 (250bar) | 4-10 | | 13,9 |
| UPMD710 | 700 | D.E. | 10 | 9 | 8,5 | 0,26 (700bar) | 4-10 | 780 | 23,6 |
| UPMD725-RC | 700 | D.E. | 30 | 25 | 8,5 | 0,26 (700bar) | 4-10 | 780 | 48,5 |
| UPRDSE710 | 700 | S.E. | 10 | 9 | 8,5 | 0,26 (700bar) | 4-10 | 780 | 24,7 |

To order

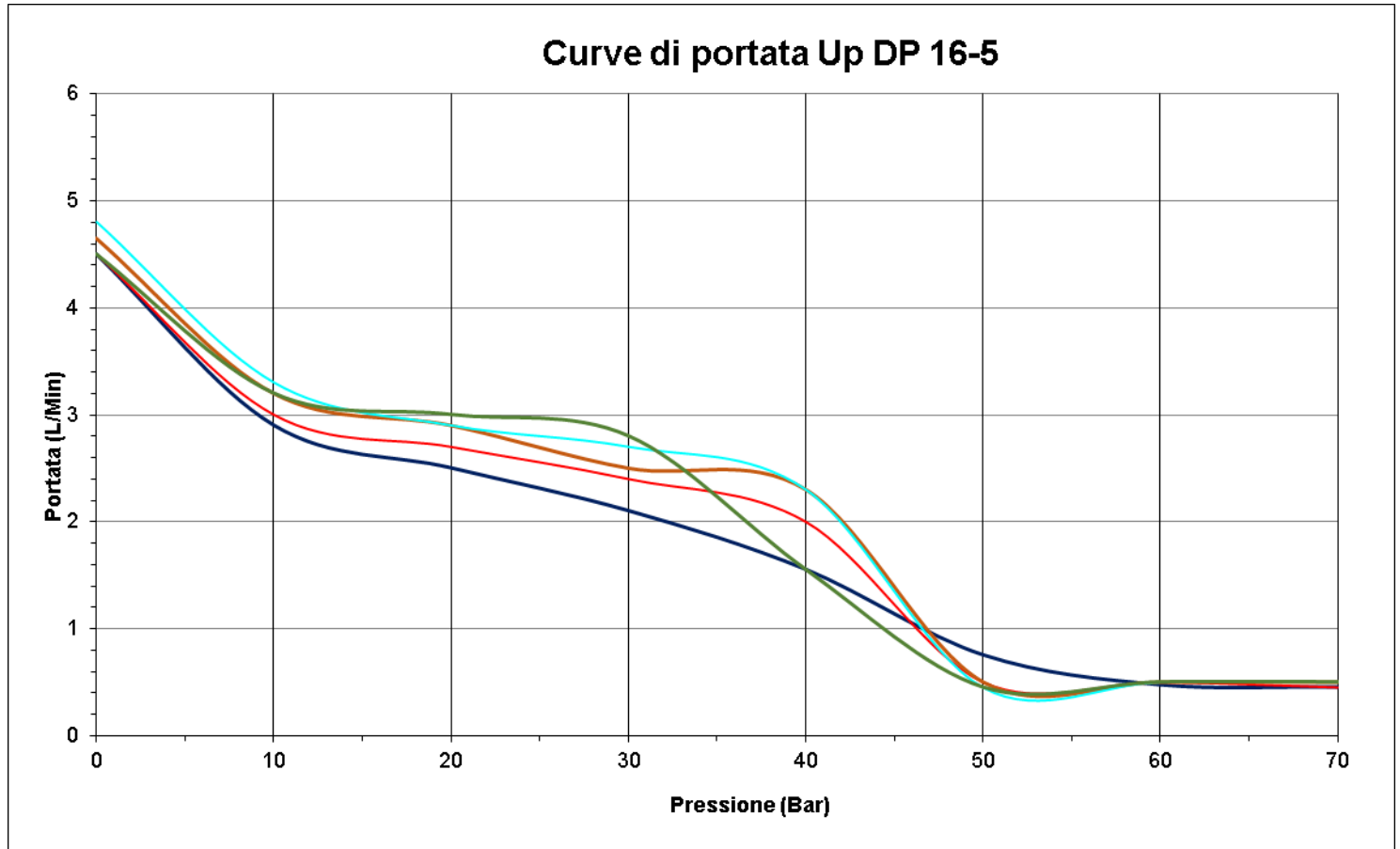
P/N 915300810 UPDPF705-16/5 700BAR BELL

Pump accessories

- Fittings
- Flex Hose
- In-line hand valve for double acting
- Parking feet
- Pivoting wheels

Spare parts
SEAL KIT UPDPF705-16/5

Oil flow (l/min) diagram



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