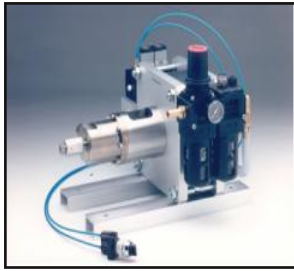


# 0-6000 bar PNEUMATIC PUMP



## USES:

TOP INDUSTRIE pneumatic pumps allow liquids to be compressed to up to 6000 bar.  
A two tier-pump is also available to increase flow capacity  
A version suitable for use with CO<sub>2</sub> is also available.

## FEATURES :

- Max air consumption 70 Nm<sup>3</sup> / h.
- Speed 100 strokes / min.
- Delivered with a filter regulator lubricator (FRL)
- Stroke length : 41 mm.
- 1 / 8" or 1 / 4" HP Tubing
- Inlet air connector 1 / 2" Gas.
- Air exhaust connector 3 / 8" Gas.
- Weight: 25 kg.
- All parts of the pump which come into contact with the liquid are made from stainless steel  
Other materials available: Hastelloy, Inconel, etc.
- Joint P.T.F.E
- Adjustable speed whatever the air pressure.
- Maximum air pressure : 6 bar.
- Start up does not require use of FRL or interruption of air supply

## OPTIONS :

- 2nd head (increases the flow capacity by 75%)
- Can be grouped together on a moveable chassis
- Command unit which controls the pump and allows the pressure to be regulated between 2 selected values.
- Gas version available.

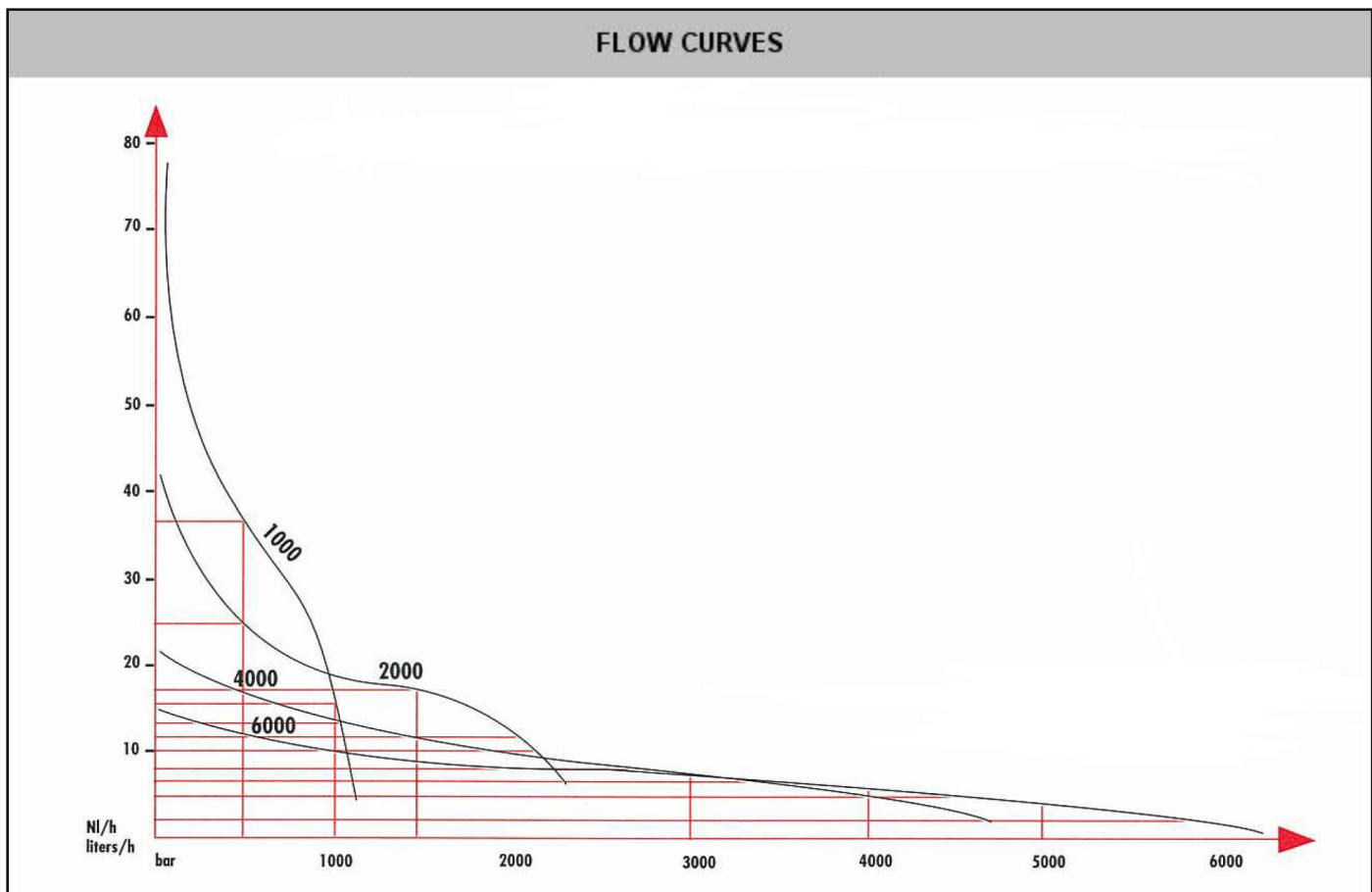
MAXIMAL PRESSURE	CUBIC CAPACITY	PISTON $\phi$	REFERENCE REGULATION PRESSURE
bar	cm <sup>3</sup>	mm	
1 000	6,30	14	619 31 00
2 000	3,20	10	619 32 00
4 000	1,58	7	619 34 00
6 000	1,16	6	619 36 00

\* A CO<sub>2</sub> version with water jacket is also available, as well as a 500 bar ref 6194100 version.

## PUMP FOR REGULATING PRESSURE :

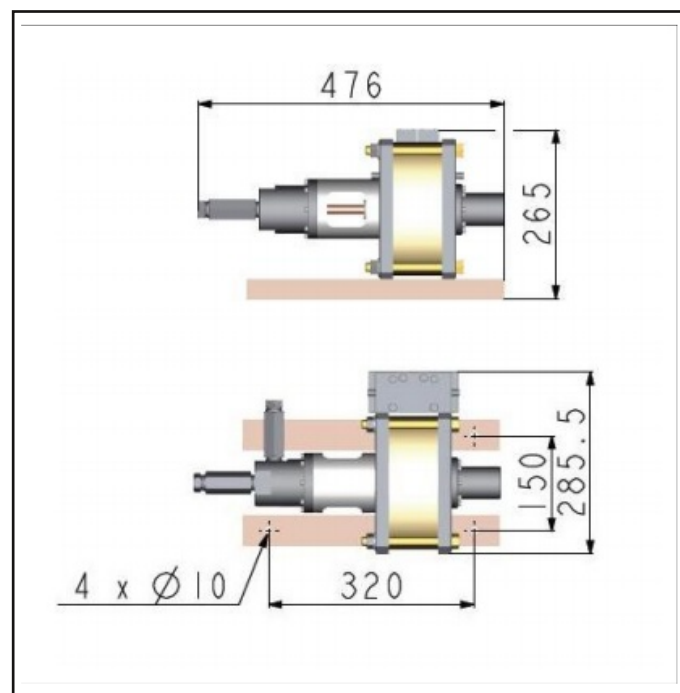
- Fonctionnement du vérin en logique pneumatique permettant de réguler une pression directement proportionnelle à la pression d'air de commande.  
The piston is operated according to pneumatic logic, which allows pressure to be regulated in direct proportion to the controlling air pressure
- If pressure equilibrium occurs the pump doesn't stop, it diminishes stroke length instead, this allows it to adjust instantaneously to a fall in pressure, without having to restart.
- Programming unit can program more than one pressure ramp slope, and one or more





Flow capacity has been measured using water at 20°C

### OBSTRUCTION



In view of possible technological advances in our production methods, the products described in this manual are liable to be modified without prior notice.

