

• RESERVOIR CAPACITY	10 l
• OIL DELIVERY PER STROKE IN HP	4,8 cm ³
• MAX PRESSURE	700 bar

PVL

STEEL HAND PUMPS WITH LARGE OIL DELIVERY AND LIGHTWEIGHT ALLOY RESERVOIR / 700 bar

FEATURES

These are two-stage hand pumps with a valve that allows to automatically switch from 1st to 2nd stage and to reach the maximum working pressure with relatively little effort.

All models are equipped with:

- Relief valve.
- Carrying handles.
- Light alloy reservoir (it reduces considerably the weight of the pump).
- 1/2" BSP connection for pressure gauge.

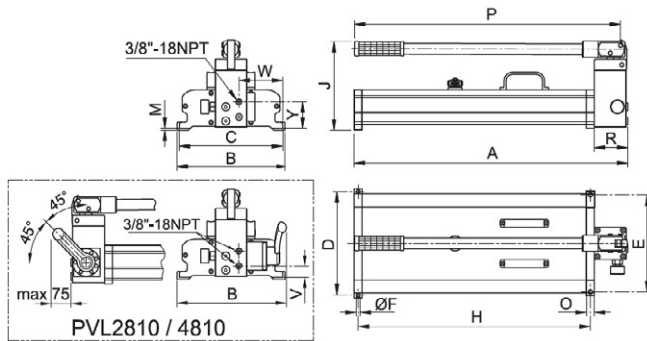
Available with 3-way, 4-way, and 4-way with controlled check valves.

OPERATIONAL AREAS

These pumps have bigger flow and capacity compared to the **PN** hand pumps but they are also a very good alternative to the **PV** hand pumps if weight is a significant factor.

ACCESSORIES

- **ZPS12**
Gauge adapter for **G10** gauge with screw connection.
- **ZPF121**
Gauge adapter for **G10** gauge with plate connector.



SELECTION CHART

PRESSURE 1ST STAGE	PRESSURE 2ND STAGE	OIL DELIVERY PER STROKE 1 STAGE	OIL DELIVERY PER STROKE 2ND STAGE	HANDLE EFFORT	FOR USE WITH CYLINDERS	RESERVOIR CAPACITY	USABLE OIL VOLUME	MODEL	DIMENSIONS MM											WEIGHT WITHOUT OIL	WEIGHT WITH OIL				
									A	B	C	D	E	F	H	J	M	O	P			R	V	W	Y
bar	bar	cm ³	cm ³	N		litres	litres															kg	kg		
20	700	125	4.8	420	Single acting	9.5	8.3	PVL1810	270													15.7	24		
					Double acting			PVL2810	790	274	259	256	240	9	686	223	5	20	770	84	28	110	65	16.2	24.5
					Double acting with controller check valve			PVL4810		306															

ACCESSORIES GAUGE ADAPTER

MODEL	For pumps	a	b	c	d	e	kg
		ZPS12 (screw connection)	PVL1810 PVL2810 PVL4810	50	30	48	3/8" NPT
ZPF121 (plate connection)	PVL2810 PVL4810	83	30	70	-	1/2" BSP	0.37