

PB series



- ▶ In-line piston pumps with 3 pistons
- ▶ Displacement of 45 or 360 mm³/rev (0.0027 or 0.022 cu.in) depending on the model
- ▶ Pressure up to 1000 bar (14500 psi) peak (PB 33HP)
- ▶ Compact size
- ▶ High volumetric efficiency
- ▶ High speed (5000 rpm continuous)
- ▶ Self-priming pump
- ▶ Customizable on request
- ▶ Low noise level

► Technical characteristics :

- **Fluids** : mineral hydraulic oil type HLVP (DIN 51524-2).
Other fluids on request.
- **Viscosity** : from 5 to 300 cSt
- **Seal** : FKM as standard
- **Operating temperature** : -20 to +175°C (-4° to 347°F)
- **Fluid cleanliness** : 15/14/12 according to ISO 4406
(class 6 according to NAS 1638)

► Applications :

- Oil tools
- Oceanographic research, ROVs
- Aeronautics
- Hand tools
- Micro power pack.

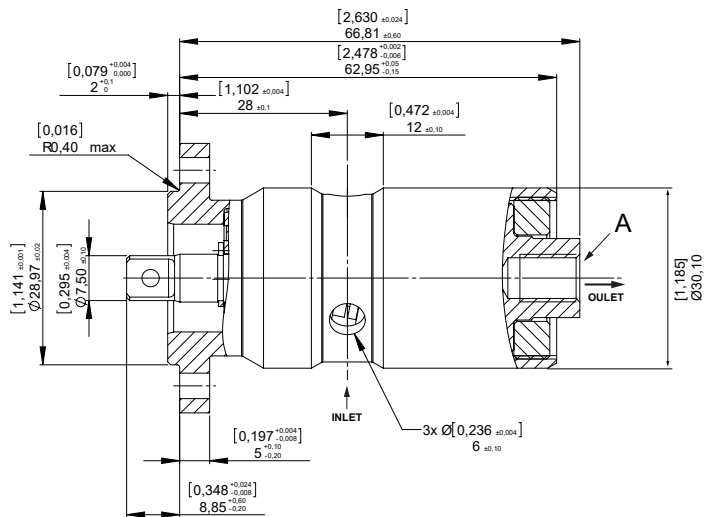
► Standard models available :

Pump type	Reference	Direction of rotation	Displacement	Flow at 1500 rpm	Maximum pressure		Maximum speed		Weight
					Continuous	Peak	Continuous	Peak	
			mm ³ [cu.in]	l/min [gpm]	bar [psi]	bar [psi]	rpm	rpm	Kg [lbs]
PB 32.5	0511860	CW and CCW	45 [0.0027]	0.06 [0.02]	300 [4350]	350 [5080]	5000	6000	0.330 [0.66]
PB 33.45	0514350	CCW	45 [0.0027]	0.06 [0.02]	300 [4350]	350 [5080]	5000	6000	0.330 [0.66]
PB 33 HP	054560	CW	45 [0.0027]	0.06 [0.02]	900 [13050]	1000 [14500]	5000	6000	0.330 [0.66]
PB 36.5	0512940	CW	360 [0.022]	0.54 [0.14]	300 [4350]	350 [5080]	5000	6000	0.600 [1.32]

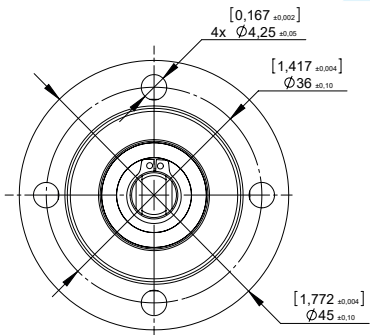
Other models available on request.

► Dimensions in mm [inches] :

PB 32,5 / PB 33,45 / PB 33 pumps

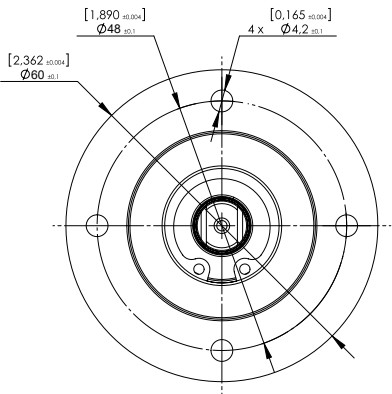
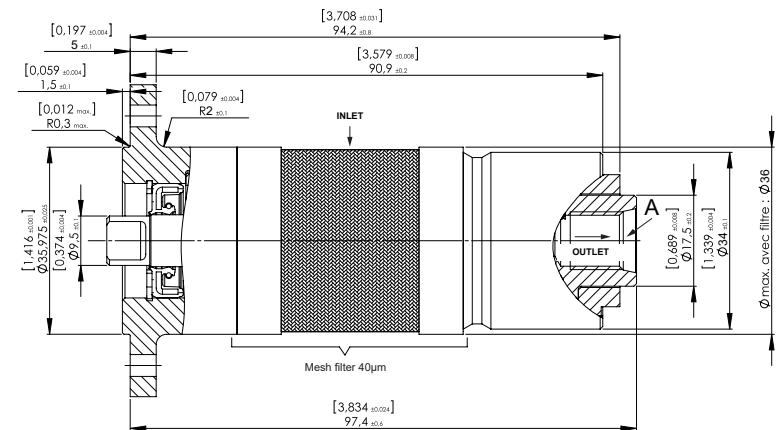


Mesh filter 40 µm not shown.



Models	Outlet port A
PB 32,5_0511860	M8X100
PB 33 45_0514350	5/16"-24 UNF-2B
PB 33 HP_054560	M8X100

PB 36,5 pump



Model	Outlet port A
PB 36,5_0512940	7/16"-20 UNF -2B

Interfaces, inlet and outlet can be adapted to the environment under certain conditions. Please contact us.

For further information, please contact Customer Service.
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Dimensions in mm [inches] are given only as an indication.



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