

B200 PS



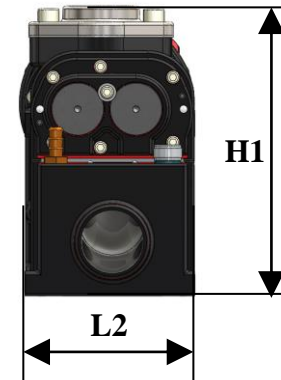
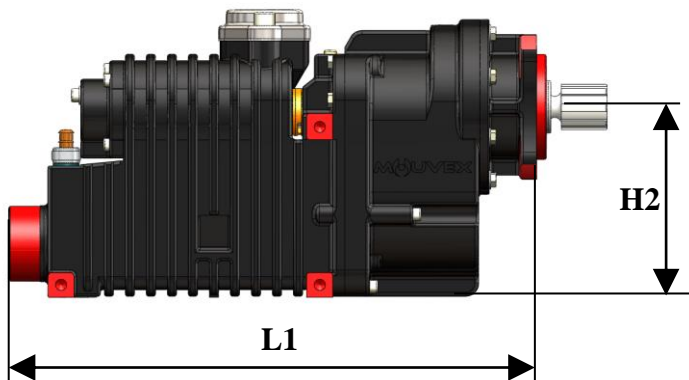
B200 PS



B200 HY

CHARACTERISTICS

	STANDARD	AVAILABLE OPTIONS
Technology	Oil-free Screws Mouvex®	
Gear case lubricating mode	Splashing	
Dynamic sealing	Bronze labyrinth	
Oil volume required (litre)	1.2	
Oil quality required	Mouvex BSC 2	
Maximum flow rate at atmospheric pressure m³/h (CFM)	180 (306)	
Inlet port mm (in.)	Cylindrical nozzle Ø 57 (2.24)	
Outlet port	G 1 ½ BSP	G 1 ½ NPT
Speed and rotation direction	12R (1200 rpm Right)	10L (1000 rpm Left)
Power (KW) and torque (Nm) at 2.5 bar for 12R	13.5	124
Cover	Type PF with ISO 7653-D and splined Shaft DIN 5462 / ISO 14 for direct fitting on PTO	Type PS with cylindrical keyed shaft Ø 30 mm / 1.181 in for driving shaft or electric motor Type HY with flange SAEB 2 or 4 holes and hollow shaft ANSI B92-1a 7/8 SAE16/32 13 teeth
Dimensions mm (in.)	L1	401 (15.79)
	L2	129 (5.08)
	H1	215 (8.46)
	H2	144.7 (5.70)
Gravity torque, PF version (Nm)	<50	
Weight without oil kg (lbs)	PF: 26.3 (58)	PS: 26.3 (58); HY: 26.8 (59)



OPERATING LIMITS

	STANDARD MATERIALS
Minimum temperature °C (F)	-30 (-22)
Maximum air suction temperature °C (F)	40 (104)
Maximum pressure bar (PSI)	2.5 (36)
Maximum vacuum allowed bar (PSI)	0.075 (1.09)
Air inlet filtration required (microns)	5
Speed range allowed (rpm)	12R (840 / 1200) / 10L (700 / 1000)

MATERIALS OF CONSTRUCTION

Part No	PART NAME	STANDARD MATERIALS	AVAILABLE OPTIONS
1	Casing	Coated Cast Iron	
2	Bearing box	Coated Cast iron	
3	Cover	Ductile Iron	
5	Screws	Coated Cast Iron	
7	Gears	Hardened Steel	
1046	Hose	PTFE	
1082	Flange	Stainless Steel	
1083	Seal	Graphite	
1086	Multiplier casing	Cast Iron	
1091	Shaft	Hardened steel	
	Lubrication	Synthetic oil BSC2	
	Seals	Fluorocarbon (FKM)	

