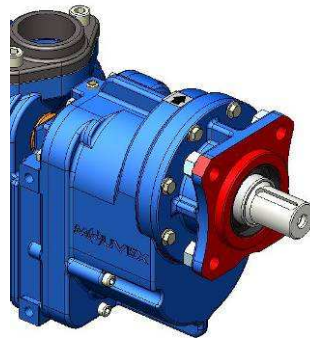


B200 PF



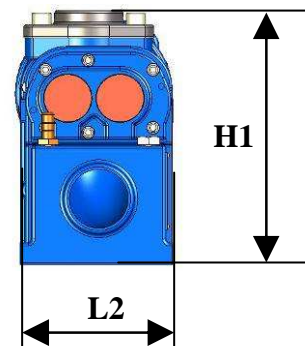
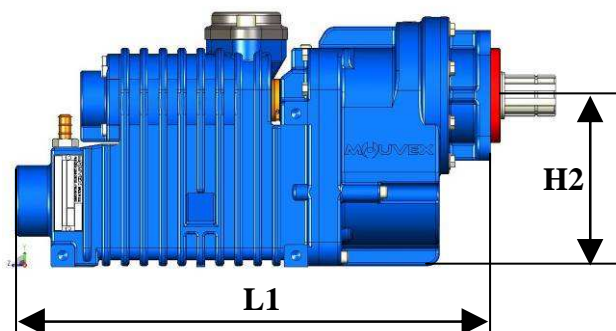
B200 PS



B200 HY

CHARACTERISTICS

	STANDARD	AVAILABLE OPTIONS
Technology	Oil-free Screws Mouvex®	
Gear case lubricating mode	Splashing	
Oil volume required (litre)	1.2	
Oil quality required	Mouvex BSC 2	
Maximum flow rate (m³/h at atmospheric pressure)	180	
Inlet port	Cylindrical nozzle Ø 58 mm / 2.28 in	
Outlet port	G 1 ½ BSP	
Speed and rotation direction	12R (1200 rpm Right)	10L (1000 rpm Left)
Torque required at 2.5 bar (N/m / in-lbs)	124 / 1097	103 / 912
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 SAE B 2 or 4 holes and hollow shaft ANSI B92-1a 7/8 SAE 16/32 13 teeth
Dimensions (mm/ inches)	L1	401 / 15.787
	L2	129 / 5.078
	H1	215 / 8.465
	H2	144.7 / 5.697
Gravity torque (N/m / in-lbs)	< 50 / 443	
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 / 74
Maximum vacuum allowed (bar / PSI)	0.075 / 2.2
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	Cast Iron	
2	Bearing box	Cast iron	
3	Cover	Ductile Iron	
5	Screws	Ductile Iron	
7	Gears	Hardened Steel	
1046	Hose	PTFE	
1082	Flange	Cast Iron	
1083	Seal	Graphite	
1086	Multiplier casing	Cast Iron	
1091	Shaft	Hardened steel	
	Lubrication	Synthetic oil	
	Seals	Fluorocarbon (FKM)	

