

MAIN FEATURES



STANDARD MANIFOLD
Forged stainless steel 420



CONNECTING ROD
Aluminum forged, reinforced with bushing.



CHECKING VALVE
High volumetric efficiency, features spherical sealing areas.



OPTIONAL MATERIAL
Nodular cast iron. Stainless steel 316L, Duplex 2205



PLUNGER
Solid ceramic tube, features high precision and wear-resistance



CRANKSHAFT
Forged steel alloy, heat treatment, multiple process grinded.



CRANKCASE
Die-cast aluminum alloy, anodized.



PACKING
PARKER High-low dual pressure packing, with integrated cooling



APPLICATIONS
Municipal, environmental, mining sea water RO, food, drink, chemical, pharmaceutical etc.

Applicable Valves

UNLOADER VALVE(#6)

Max Pressure: 206bar/3000psi(Brass)
280bar/4060psi(stainless steel)
Max Flow: 200LPM/53GPM
Inlet, Outlet, Bypass Port: 1"



SAFETY VALVE

Max Pressure: 206bar/3000psi, 280bar/4060psi
Max Flow: 200LPM/53GPM
Inlet Port: 3/4" Bypass Port: 1/2"
Brass forged body, stainless valve core and seat



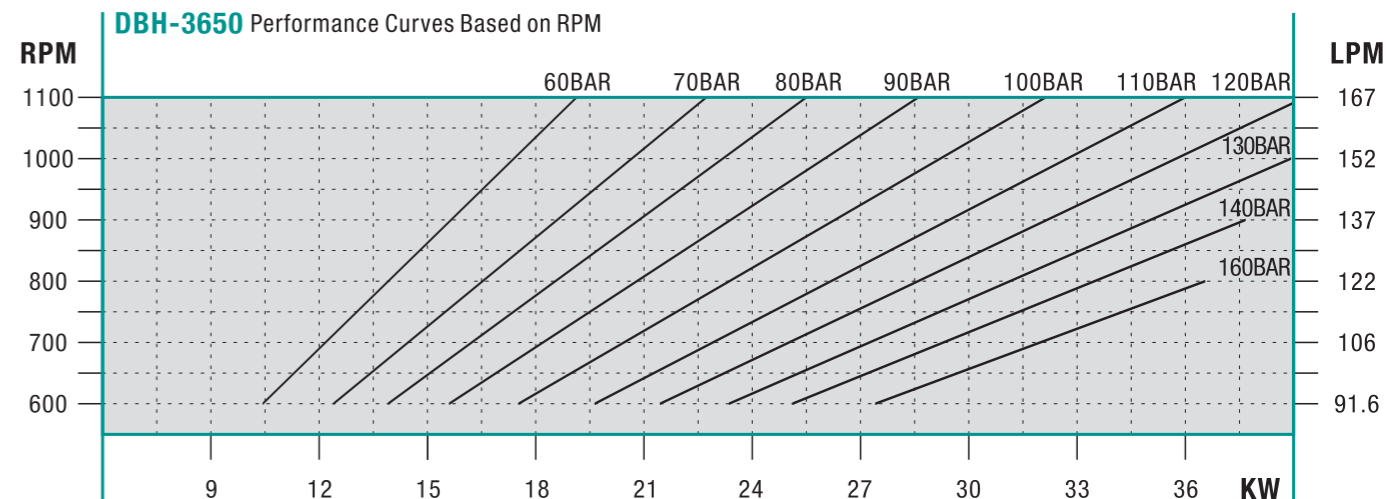
Importance

- Inlet Port 1 1/2" BSP
- Outlet Port: 1" BSP
- Oil Bath Capacity: 3800ml (half level of oil gauge)
- Oil Type: 85W/90 or greater GEAR OIL
- Water Inlet Pressure: 0-50psi/3.5bar
- Max Inlet Water Temp. 50°C/122°F

Other Versions

Gearbox reduction version

Aluminum alloy precision die casting housing, anodized. High-grade helical gear.
Reduction ratio:
NO.1(1.82:1), NO.2 (2.26:1), NO.3(2.94:1)



PUMP MODEL	MAX FLOW		MAX PRESSURE		INPUT RPM	POWER REQUIRED		SHIPPING WEIGHT		SHIPPING SIZE CM
	GPM	LPM	PSI	BAR		HP	KW	KGS	LBS	
DBH-4050	39.6	150	1890	130	800	50	37	74	163.1	58x40x28
DBH-4050	44.6	169	1740	120	900	52	38.5			
DBH-3650	32.2	122	2320	160	800	50	37	74	163.1	58x40x28
DBH-3650	36.2	137	2030	140	900	50	37			
DBH-3650	40.4	153	1890	130	1000	52	38.2			
DBH-3050	22.2	84	3340	230	800	50	37	74	163.1	58x40x28
DBH-3050	25.1	95	3050	210	900	52	38			
DBH-3050	28	106	2760	190	1000	52	38			

