

MAIN FEATURES



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(#11)**

Max Pressure: 230bar/3330psi (Stainless Steel)

Max Flow: 500LPM/132GPM

Inlet/Outlet: 1 1/2"

Bypass Port: 1 1/2"



Importance

- Inlet Port 2 1/2" BSP (Hose barb ϕ 68mm)
- Outlet Port: 1 1/4" BSP
- Oil Bath Capacity: 22L (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

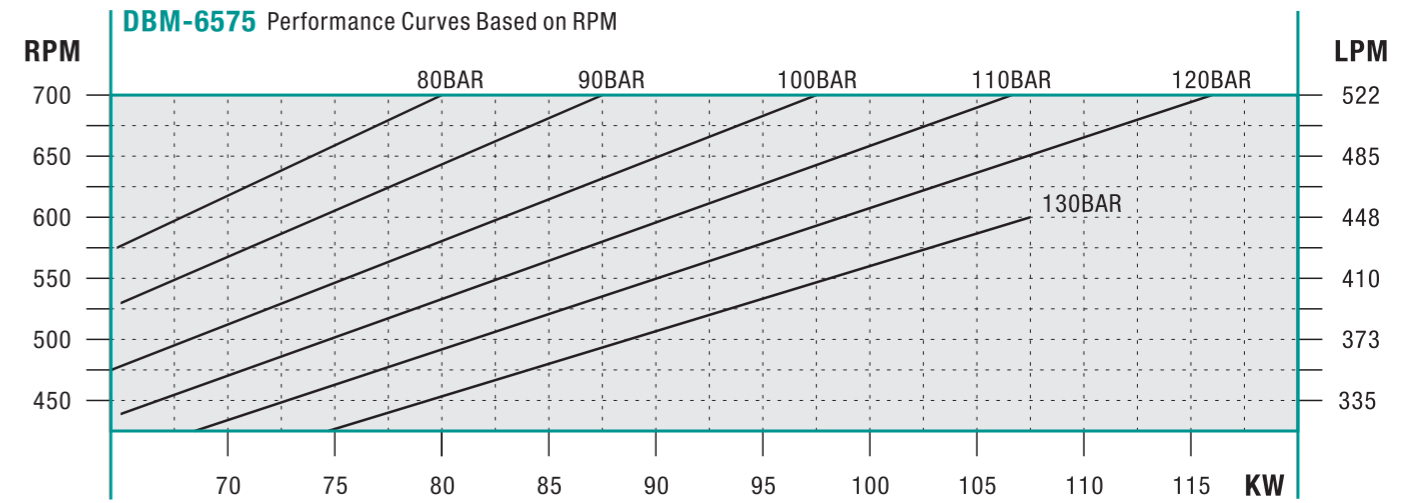
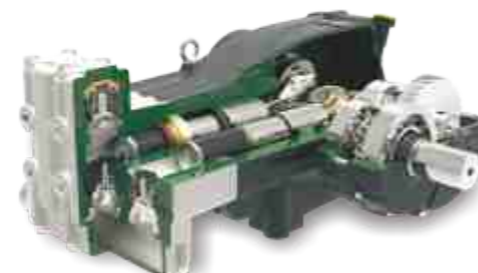
■ **Gearbox reduction version**

Nodular cast iron case, black painting.

High-grade helical gear.

Reduction ratio: 2.16:1

Cutaway View



PUMP MODEL	MAX FLOW		MAX PRESSURE		INPUT RPM	POWER REQUIRED		SHIPPING WEIGHT		SHIPPING SIZE
	GPM	LPM	PSI	BAR		HP	KW	KGS	LBS	
DBM-6575	132.1	500	1740	120	670	150	110	457	1007.5	112x78.5x75
DBM-6575	118.1	447	2000	138	600	150	110			112x94x75 GEAR BOX
DBM-6575	108.3	410	2000	138	550	141	105			
DBM-5575	94.6	358	2450	169	670	150	110	457	1007.5	112x78.5x75
DBM-5575	84.5	320	2510	173	600	138	102			112x94x75 GEAR BOX
DBM-5575	77.7	294	2700	186	550	138	101			
DBM-4075	49.9	189	4640	320	670	150	110	457	1007.5	112x78.5x75
DBM-4075	44.6	169	5080	350	600	150	110			112x94x75 GEAR BOX
DBM-4075	41	155	5080	350	550	136	100			

