



MAIN FEATURES



STANDARD MANIFOLD
Stainless steel 420



PLUNGER
Ceramic coating, 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



Symmetrical power end allows for easy left to right shaft conversion.



CONNECTING ROD
Aluminum forged, reinforced with bushing.



CHECKING VALVE
High volumetric efficiency, features spherical sealing areas.

Applicable Valves

UNLOADER VALVE(#12)

Max Pressure: 700bar/10150psi
Max Flow: 80LPM/21GPM
Inlet, Outlet, Bypass Port: G1/2"
Pressure Gauge Port: G1/4"



UNLOADER VALVE(#6-SS)

Max Pressure: 280bar/4060psi
Max Flow: 200LPM/53GPM
Inlet, Outlet, Bypass Port: 1"



SAFETY VALVE

Max Pressure: 560bar/8100psi
Max Flow: 100LPM/26.4GPM
Inlet Port: 1/2" Bypass Port: 1/2"

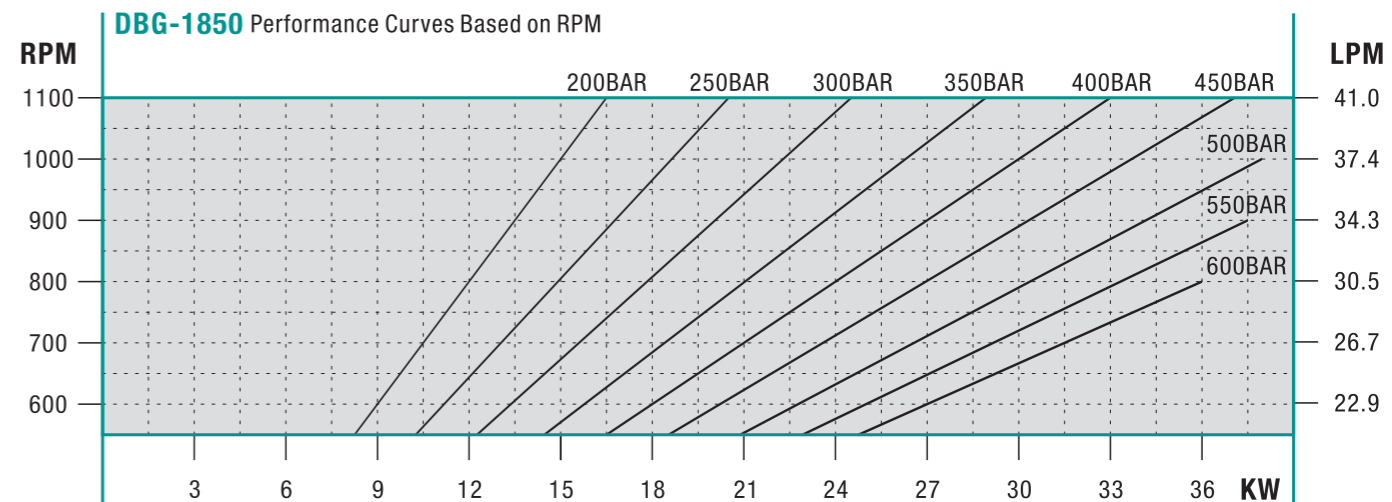
Importance

- 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
	GPM	LPM	PSI	BAR		HP	KW	KGS	LBS	
DBG-1650	6.3	24	11600	800	800	50	37	66	145.5	58x40x28
DBG-1650	7.1	27	10440	720	900	50	37			
DBG-1650	7.9	30	9430	650	1000	50	37			
DBG-1850	7.9	30	8700	600	800	50	37	66	145.5	58x40x28
DBG-1850	9.1	34.5	7980	550	900	50	37			
DBG-1850	10	38	7250	500	1000	50	37			
DBG-2550	15.6	59	4790	330	800	50	37	66	145.5	58x40x28
DBG-2550	17.4	66	4350	300	900	50	37			
DBG-2550	19.4	73.6	3770	260	1000	50	37			
DBG-2850	19.5	73.8	3920	270	800	51	37.7	66		58x40x28
DBH-2850	21.9	83	3480	240	900	51	37.7			
DBH-2850	24.3	92	3190	220	1000	52	38			

