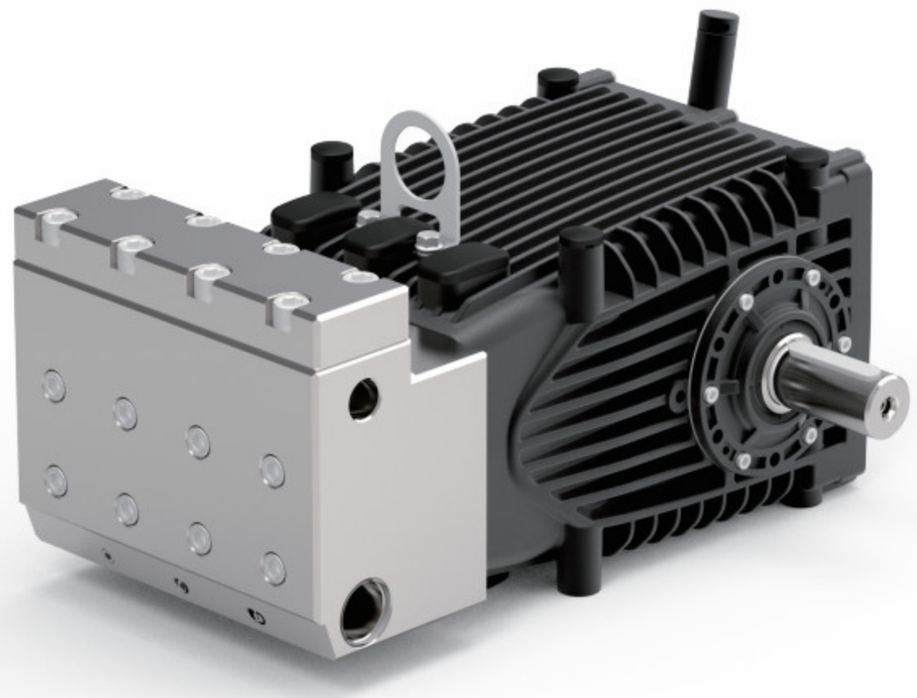
DANAU PLUNGER PUMP INDUSTRIAL

DBG Series

- Low flow resistance design manifold improves water inlet efficiency, reduces the occurrence rate of cavitation, lowers vibration and noise, and increases the life-span of the pump.
- The unique centering structure checking valve and flow channel simulation design enable the pump to have excellent self-priming ability and high volumetric efficiency.
- Special material plunger can prevent cracking and improve life.
- Different types of liquid end material selections are used for different types of media and working conditions.
- Multiple types of driving can be adapted to different power types.



APPLICATIONS. Consult us for more

OIL AND GAS | HOT WATER APPLICATION | SHIPS CLEANING | CHEMICAL INDUSTRIAL | FOOD AND DRINKS

PUMP SERIES

GEARBOX (1:1.82/2.26/2.94)
PUMP SERIES

BELL HOUSING
PUMP SERIES

HYDRAULIC DRIVE
PUMP SERIES

HOT WATER 85°C
PUMP SERIES (Ni. PLATING)

TECHNICAL DATA

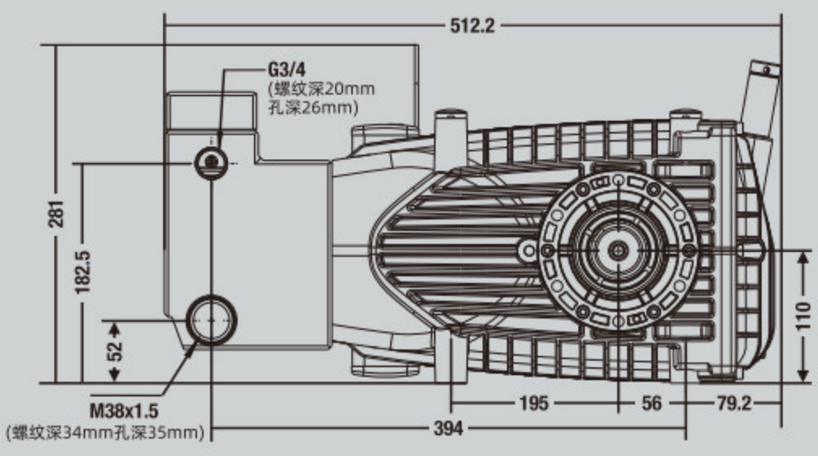
Manifold:	Stainless steel 420 and DSS 2205 are for options
Crankcase:	Die-cast aluminum alloy, anodized
Connecting Rod:	Forged steel, reinforced with bushing
Plunger:	High precision and wear-resistance ceramic tube
Packing:	High-low dual pressure packing
Checking Valve:	High volumetric efficiency, spherical sealing areas
Crankshaft:	Forged steel alloy, heat treatment, multiple process grinded

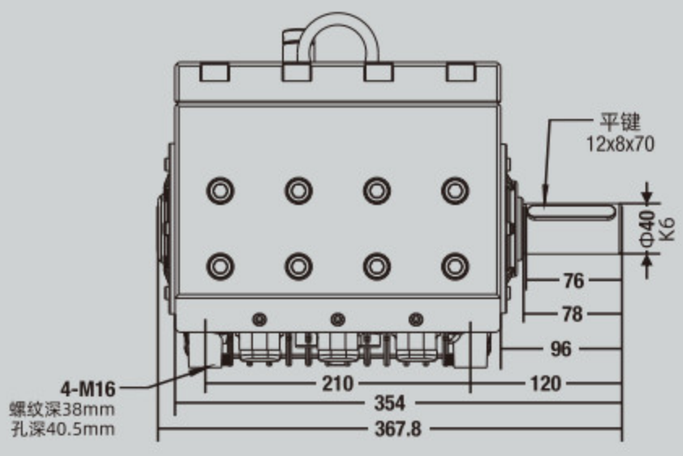
Inlet Port	M38x1.5 (DBG1650-G3/4")(DBG1850-G1")
Outlet Port:	G 3/4" (DBG1650-G1/2")
Oil Bath Capacity:	3800mL (half level of oil gauge)
Oil Type:	85W/90 or greater GEAR OIL
Water Inlet Pressure:	0-50psi/3.5bar
Max Inlet Water Temp.	≤ 50°C/122°F
Shipping Size:	59x41.5x36cm

MODEL	MAX FLOW		MAX PRESSURE		POWER INPUT	POWER SPEED	NOM. DISPLACEMENT	WEIGHT
	GPM	LPM	PSI	BAR	KW	RPM	ML/R	KG
DBG-1650	7.1	27	11600	800	40	900	30	72
DBG-1850	9.1	34.3	8700	600	40	900	38.1	72
DBG-2250	13.6	51.3	6100	420	40	900	57	72
DBG-2550	22	66.2	3800	320	40	900	73.5	72
DBG-2850	17.5	83	4650	260	40	900	92.2	72
DBG-3050	25.2	95.4	3300	230	40	900	92.2	72

Nominal Displacement x Specific Rotational Speed= The Theoretical Flow Rate. Fore example 30 mL × 900 r/min = 27 L/min

OVERALL DIMENSION





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