

- 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



ROADS CLEANING



WATER TREATMENT



TOUCH-LESS CAR WASHING



SEWER JETTING



INDUSTRIAL APPLICATIONS



## PUMP SERIES



STAINLESS STEEL 420 PUMP SERIES

DUPLEX STAINLESS 2205 PUMP SERIES

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

HYDRAULIC DRIVE PUMP SERIES

HOT WATER 80°C PUMP SERIES (NI. PLATING)

## TECHNICAL DATA

<b>Manifold:</b>	Nodular cast iron, stainless steel 420 and DSS 2205 are options	<b>Inlet Port</b>	G1-1/2"
<b>Crankcase:</b>	Die-cast aluminum alloy, anodized	<b>Outlet Port:</b>	G1"
<b>Connecting Rod:</b>	Forged steel, reinforced with bushing	<b>Oil Bath Capacity:</b>	3800mL (half level of oil gauge)
<b>Plunger:</b>	High precision and wear-resistance ceramic tube	<b>Oil Type:</b>	85W/90 or greater GEAR OIL
<b>Packing:</b>	High-low dual pressure packing	<b>Water Inlet Pressure:</b>	0-50psi/3.5bar
<b>Checking Valve:</b>	High volumetric efficiency, spherical sealing areas	<b>Max Inlet Water Temp.</b>	≤ 50°C/122°F
<b>Crankshaft:</b>	Forged steel alloy, heat treatment, multiple process grinded	<b>Shipping Size:</b>	59x41.5x36cm

MODEL	MAX FLOW		MAX PRESSURE		POWER INPUT	POWER SPEED	NOM. DISPLACEMENT	WEIGHT
	GPM	LPM	PSI	BAR	KW	RPM	ML/R	KG
DBH-3650	36	137	2000	140	37	900	152	72
DBH-4050	44.6	169	1700	120	37	900	187	72

Nominal Displacement x Specific Rotational Speed= The Theoretical Flow Rate. Fore example 152 mL × 900 r/min = 137 L/min

## OVERALL DIMENSION

