

- 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



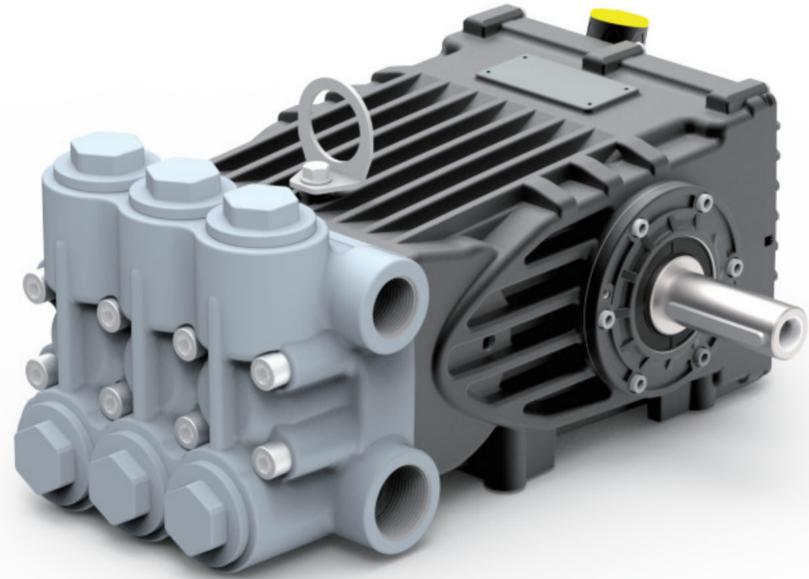
TOUCH-LESS CAR WASHING



SEWER JETTING



INDUSTRIAL APPLICATIONS



## PUMP SERIES



FORGED BRASS PUMP SERIES



MOTOR FLANGE PUMP SERIES



STAINLESS STEEL PUMP SERIES



HYDRAULIC DRIVE PUMP SERIES



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

## TECHNICAL DATA

Manifold:	Nodular cast iron, forged brass and D55 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	G1-1/4"
Outlet Port:	G1"
Oil Bath Capacity:	2500mL (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:	51x38x27.5cm

MODEL	MAX FLOW		MAX PRESSURE		POWER INPUT	POWER SPEED	NOM. DISPLACEMENT	WEIGHT
	GPM	LPM	PSI	BAR	KW	RPM	ML/R	KG
DBR-2826	18.4	69.6	2900	200	27	1450	48	40
DBR-3625	29.2	110.5	1750	120	27	1450	76.2	40
DBR-4026	37.5	142	1450	100	27	1450	97.9	40

Nominal Displacement x Specific Rotational Speed= The Theoretical Flow Rate. Fore example 48 mL × 1450 r/min = 69.6 L/min

## OVERALL DIMENSION

