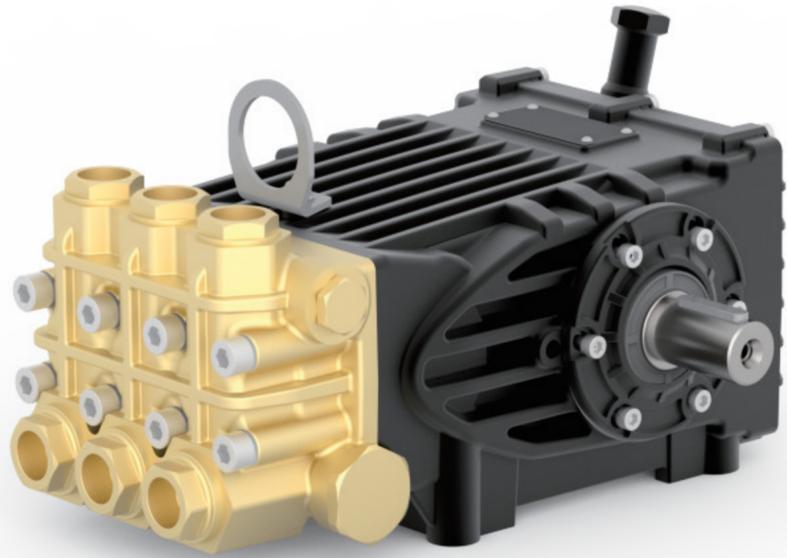


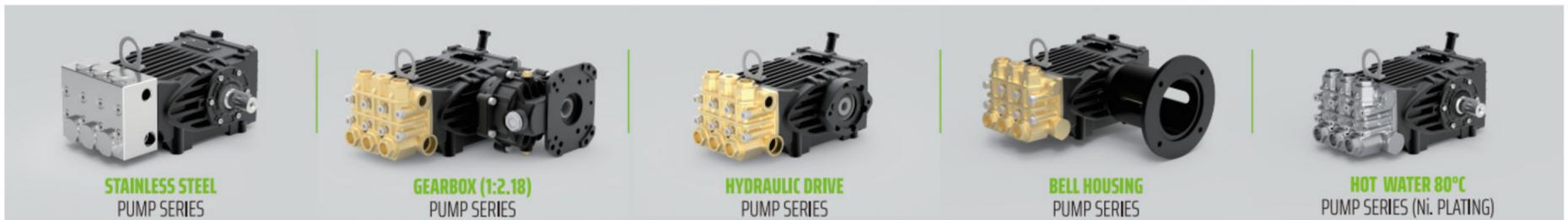
- Low flow resistance design manifold improves water inlet efficiency, reduces the occurrence rate of cavitation, lowers vibration and noise, and increases the life-span of the pump.
- The unique centering structure checking valve and flow channel simulation design enable the pump to have excellent self-priming 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



PUMP SERIES



TECHNICAL DATA

Manifold:	Forged brass , 304 and D55 2205 are for options	Inlet Port	M33x1.5
Crankcase:	Die-cast aluminum alloy, anodized	Outlet Port:	G1/2"
Connecting Rod:	Split type aluminum alloy	Oil Bath Capacity:	1300mL (half level of oil gauge)
Plunger:	High precision and wear-resistance ceramic tube	Oil Type:	85W/90 or greater GEAR OIL
Packing:	High-low dual pressure packing	Water Inlet Pressure:	0-50psi/3.5bar
Checking Valve:	High volumetric efficiency, spherical sealing areas	Max Inlet Water Temp.	≤ 50°C/122°F
Crankshaft:	Forged steel alloy, heat treatment, multiple process grinded	Shipping Size:	38.5x33.5x31cm

MODEL	MAX FLOW		MAX PRESSURE		POWER INPUT	POWER SPEED	NOM. DISPLACEMENT	WEIGHT
	GPM	LPM	PSI	BAR	KW	RPM	ML/R	KG
DBP-2825	17.7	66.9	2450	170	22	1450	46.1	17
DBP-3025	20.3	76.8	2200	150	22	1450	53	17
DBP-3225	23	87	1900	130	22	1450	60.3	17

Nominal Displacement x Specific Rotational Speed= The Theoretical Flow Rate. Fore example 46.1 mL × 1450 r/min = 66.9 L/min

OVERALL DIMENSION

