

**VERTICAL**  
Triplex-plunger pump



HIGH FLOW  
PUMP SERIES

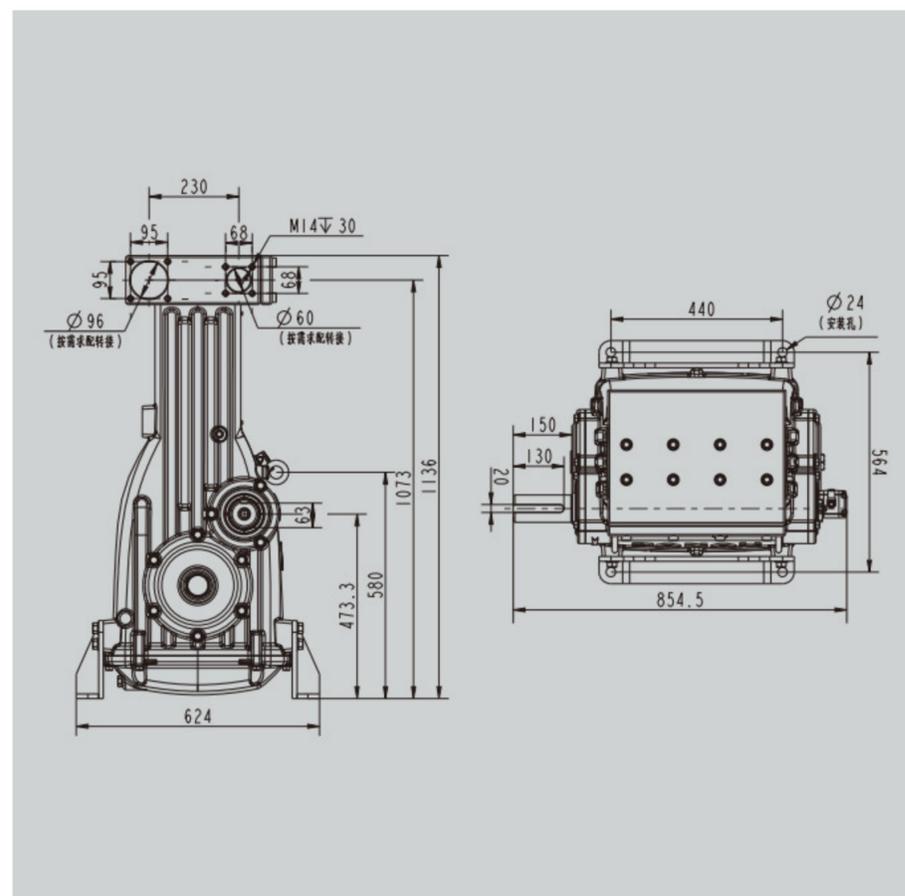


ULTRA-HIGH PRESSURE  
PUMP SERIES

**TECHNICAL DATA**

Manifold:	Stainless steel 420, nodular cast iron and DSS 2205 are options
Crankcase:	Nodular cast iron, electrophoretic blackening
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	ID 96mm, flange connection
Outlet Port:	ID 60mm, flange connection
Oil Capacity:	54L (half level of oil gauge)
Oil Type:	85W/90 or greater GEAR OIL
Inlet Pressure:	0-50psi/3.5bar
Inlet Water Temp.	≤ 50°C/122°F
Gear Reduction:	Ratio 1:2.3
Shipping Size:	120x90x70cm

**OVERALL DIMENSION**



MODEL	MAX FLOW		MAX PRESSURE		POWER INPUT	POWER SPEED	NOM. DISPLACEMENT	WEIGHT
	GPM	LPM	PSI	BAR	KW	RPM	ML/R	KG
DBW-2075	13.7	52	29000	2000	180	1450	35.9	600
DBW-9075	226.7	858	1450	100	180	1450	591.7	600

Nominal Displacement x Specific Rotational Speed= The Theoretical Flow Rate. Fore example 35.9 mL × 1450 r/min = 52 L/min