

HORIZONTAL/VERTICAL Quintuplex-plunger pump



TECHNICAL DATE

Manifold:	Stainless steel 420, Nodular cast iron and DSS 2205 are options
Crankcase:	Nodular cast iron, painting
Lubrication:	Oil pump supply forced lubrication
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:	Milling formed, heat treatment, multiple process grinded

Inlet Port:	Hose barb 68mm
Outlet Port:	G1-1/4"
Oil Bath Capacity:	70L (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
Gear Reduction:	Integrated, reciprocal dual helical gear, ratio:3.24
Shipping Size:	140x110x70cm

MODEL	MAX FLOW		MAX PRESSURE		POWER INPUT	POWER SPEED	NOM. DISPLACEMENT	WEIGHT
	GPM	LPM	PSI	BAR	KW	RPM	ML/R	KG
DBT-9075	283.5	1073	1750	120	250	1450	740	1200

Nominal Displacement x Specific Rotational Speed = The Theoretical Flow Rate. Fore example 740 mL x 1450 r/min = 1073 L/min

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