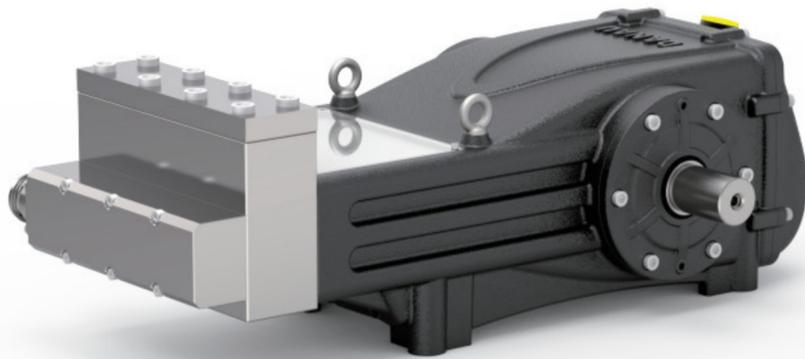
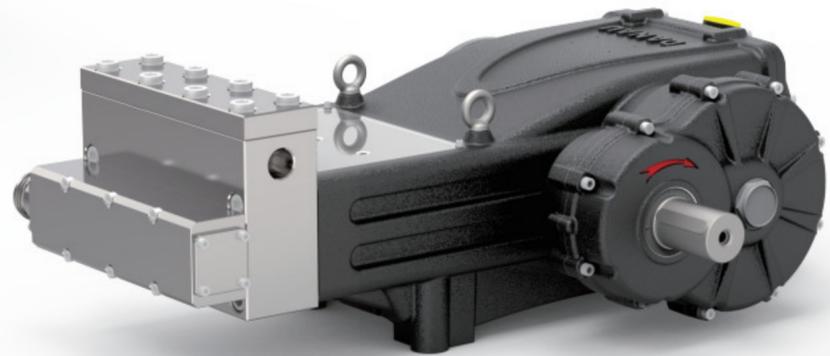


HORIZONTAL
Triplex-plunger pump



HIGH FLOW
PUMP SERIES



GEARBOX (1:2.3/3.17)
PUMP SERIES

TECHNICAL DATA

Manifold:	Stainless steel 420, nodular cast iron and D55 2205 are options	Inlet Port	Hose barb 65mm
Crankcase:	Nodular cast iron, electrophoretic blackening	Outlet Port:	G1-1/4"
Connecting Rod:	Forged steel, reinforced with bushing	Oil Bath Capacity:	16L (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:	90x70x35cm

MODEL	MAX FLOW		MAX PRESSURE		POWER INPUT	POWER SPEED	NOM. DISPLACEMENT	WEIGHT
	GPM	LPM	PSI	BAR	KW	RPM	ML/R	KG
DBS-4075	49.9	189	4900	340	120	670	282.1	405
DBS-5575	94.6	358	2600	180	120	670	534.3	405
DBS-6575	132.1	500	1900	130	120	670	746.3	405

Nominal Displacement x Specific Rotational Speed= The Theoretical Flow Rate. Fore example 182.1 mL × 670 r/min = 189 L/min

OVERALL DIMENSION

