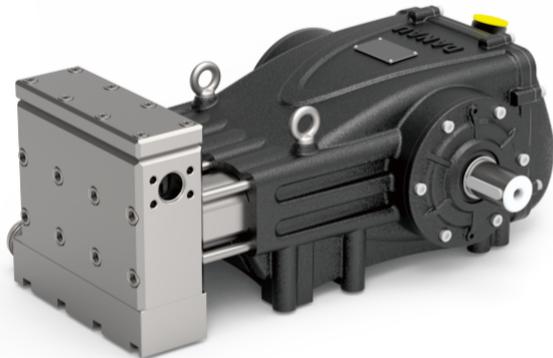
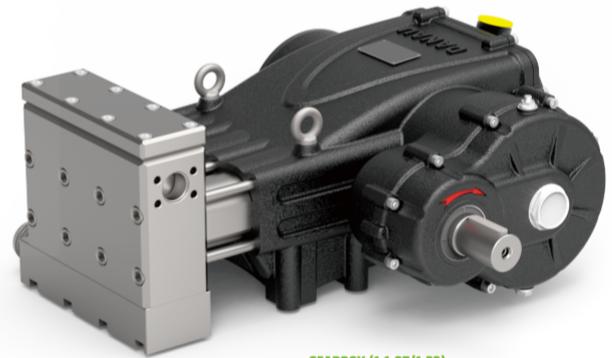


**HORIZONTAL**  
Triplex-plunger pump



DIRECT DRIVE  
PUMP SERIES



GEARBOX (1:1.87/1.23)  
PUMP SERIES

**TECHNICAL DATE**

<b>Manifold:</b>	Stainless steel 420, nodular cast iron and D55 2205 are options	<b>Inlet Port</b>	Hose barb 68mm
<b>Crankcase:</b>	Nodular cast iron, electrophoretic blackening	<b>Outlet Port:</b>	G1-1/4"
<b>Connecting Rod:</b>	Forged steel, reinforced with bushing	<b>Oil Bath Capacity:</b>	16L (half level of oil gauge)
<b>Plunger:</b>	High precision and wear-resistance ceramic tube	<b>Oil Type:</b>	85W/90 or greater GEAR OIL
<b>Packing:</b>	High-low dual pressure packing	<b>Water Inlet Pressure:</b>	0-50psi/3.5bar
<b>Checking Valve:</b>	High volumetric efficiency, spherical sealing areas	<b>Max Inlet Water Temp.</b>	≤ 50°C/122°F
<b>Crankshaft:</b>	Forged steel alloy, heat treatment, multiple process grinded	<b>Shipping Size:</b>	90x60x35cm

MODEL	MAX FLOW		MAX PRESSURE		POWER INPUT	POWER SPEED	NOM. DISPLACEMENT	WEIGHT
	GPM	LPM	PSI	BAR	KW	RPM	ML/R	KG
DBN-3270	35.7	135	4350	300	80	800	168.8	270
DBN-4070	55.8	211	2900	200	80	800	263.8	270
DBN-4570	70.5	267	2300	160	80	800	333.8	270
DBN-5070	87.2	330	1900	130	80	800	412.5	270

Nominal Displacement x Specific Rotational Speed= The Theoretical Flow Rate. Fore example 168.8 mL × 800 r/min = 135 L/min

**OVERALL DIMENSION**

