

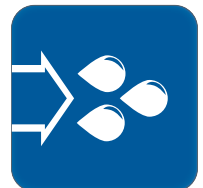
DYNASET

POWERED BY HYDRAULICS



DATA SHEET

HYDRAULIC SUBMERSIBLE PUMPS



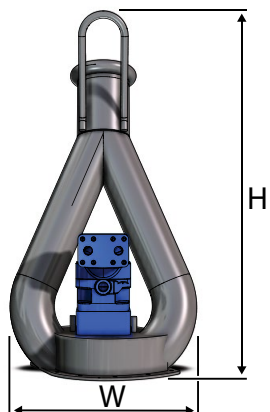
rev 1.0

HSP 600 /5-38
HSP 1500 /5-40

HSP 2600 /5-50
HSP 4000 /5-100

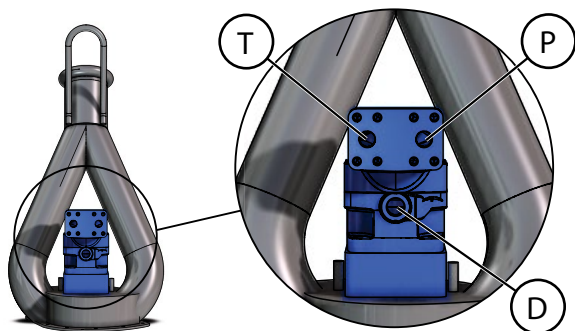
HSP 7000 /5-169
HSP 10000 /5-200
HSP 16000 /5-317

DIMENSIONS



MODEL	DIMENSIONS, mm (in)		WEIGHT
	W	H	kg (lbs)
HSP 600 /5-38	140 (5.5)	510 (20.1)	7 (15.4)
HSP 1500 /5-40	350 (13.8)	700 (27.6)	15 (33.1)
HSP 2600 /5-50	350 (13.8)	700 (27.6)	20 (44.1)
HSP 4000 /5-100	450 (17.7)	900 (35.4)	45 (99.2)
HSP 7000 /5-169	450 (17.7)	900 (35.4)	54 (119)
HSP 10000 /5-200	500 (19.7)	1100 (43.3)	70 (154.3)
HSP 16000 /5-317	650 (25.6)	1250 (49.2)	85 (187.4)

HYDRAULIC PORTS



MODEL	PRESSURE LINE	RETURN LINE	DRAIN LINE
	P	T	D
HSP 600 /5-38	BSP 1/2"	BSP 1/2"	-
HSP 1500 /5-40	BSP 1/2"	BSP 1/2"	-
HSP 2600 /5-50	BSP 1/2"	BSP 3/4"	-
HSP 4000 /5-100	BSP 1/2"	BSP 3/4"	-
HSP 7000 /5-169	BSP 3/4"	BSP 3/4"	BSP 3/8"
HSP 10000 /5-200	BSP 3/4"	BSP 3/4"	BSP 3/8"
HSP 16000 /5-317	BSP 1"	BSP 1"	BSP 3/8"

TECHNICAL SPECIFICATIONS

		HSP 600 /5-38	HSP 1500 /5-40	HSP 2600 /5-50	HSP 4000 /5-100	HSP 7000 /5-169	HSP 10000 /5-200	HSP 16000 /5-317
OUTPUT CHARACTERISTICS								
Discharge max.	l/min (gpm)	800 (211.2)	2000 (528.3)	3000 (792.5)	5000 (1320)	8000 (2113)	12000 (3170)	20000 (5283)
Pump head max.	m (ft)	30 (98.4)	25 (82)	35 (114.8)	30 (98.4)	35 (114.8)	35 (114.8)	35 (114.8)
Discharge at standard head of 5m	l/min (gpm)	600 (158.5)	1500 (296.3)	2600 (686.8)	4000 (1057)	7000 (1849)	10000 (2642)	16000 (4227)
Output connection	in	2	3	3	5	5	6	8
HYDRAULIC POWER REQUIREMENTS								
Oil flow max.	l/min (gpm)	38 (10.03)	40 (10.56)	50 (13.20)	100 (26.42)	169 (44.62)	200 (52.83)	317 (83.69)
Pressure max.	bar (psi)	260 (3771)	180 (2611)	250 (3626)	250 (3626)	350 (5076)	350 (5076)	350 (5076)
Tank pressure max.	bar (psi)	10 (145)	-	10 (145)	10 (145)	7 (102)	7 (102)	7 (102)
Hydraulic motor		gear	gerotor	gear	gear	axial piston	axial piston	axial piston
HYDRAULIC FLUID REQUIREMENTS								
Viscosity	cSt	10-200 / optimum 25-35						
Temperature *	° C (° F)	max. 70 (158)						
Filter ratio	µm	25 or better						
Cleanliness level	ISO 4406	19/17/14						

Gallons are U.S. liquid gallons

* Depending on hydraulic fluid.



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ELECTRICITY

HG Hydraulic Generator
HGV POWER BOX Variable Hydraulic Generator System
HGV Variable Hydraulic Generator System
HWG Hydraulic Welding Generator
HGG Hydraulic Ground Power Generator



HIGH PRESSURE WATER

HPW Hydraulic High Pressure Water Pump
HPW Hydraulic Power Washer
KPL High Pressure Street Washing Unit
HPW-DUST High Pressure Dust Suppression System
PPL High Pressure Pipe Cleaning Unit
HPW-FIRE High Pressure Firefighting System
FP Fire Fighting Piercing Kit
HDF Hydraulic Drilling Fluid Pump
JPL High Pressure Bin Washing System
HSP Hydraulic Submersible Pump



COMPRESSED AIR

HK Hydraulic Piston Compressor
HKL Hydraulic Rotary Vane Compressor
HKR Hydraulic Screw Compressor



MAGNET POWER

HMG PRO Hydraulic Magnet Generator
MAG Lift Magnet
HMAG PRO Hydraulic Magnet



VIBRATION

HVB Hydraulic Vibra
HVD Hydraulic Directional Vibra
HRC Hydraulic Reversal Cylinder



POWER BOOSTING

HPI Hydraulic Pressure Intensifier
HPI-C Hydraulic Pressure Intensifier for Cylinder



KNOW-HOW

Hydraulic Power Take-off (PTO)
Hydraulic Power Unit Technology
De-Icing Technology
Installation Valves
HHK Hydraulic Grinder
HV/HVY Hydraulic Winch / Winch Unit

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