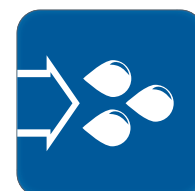


## DATA SHEET

### HSP HYDRAULIC SUBMERSIBLE PUMPS



**HSP900/5-36**  
**HSP3000/5-48**  
**HSP6500/5-85**  
**HSP8500/5-135**



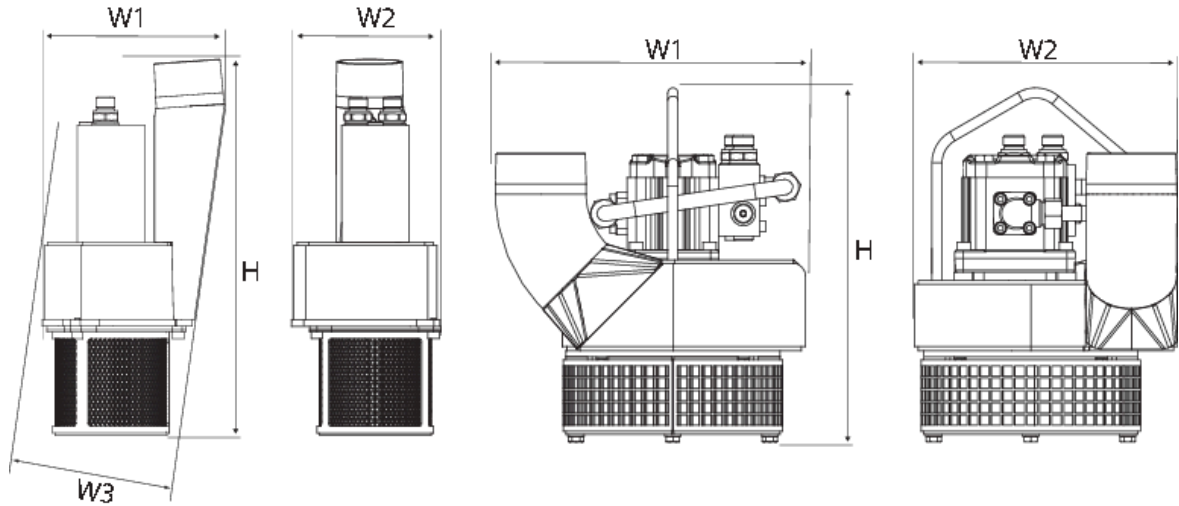


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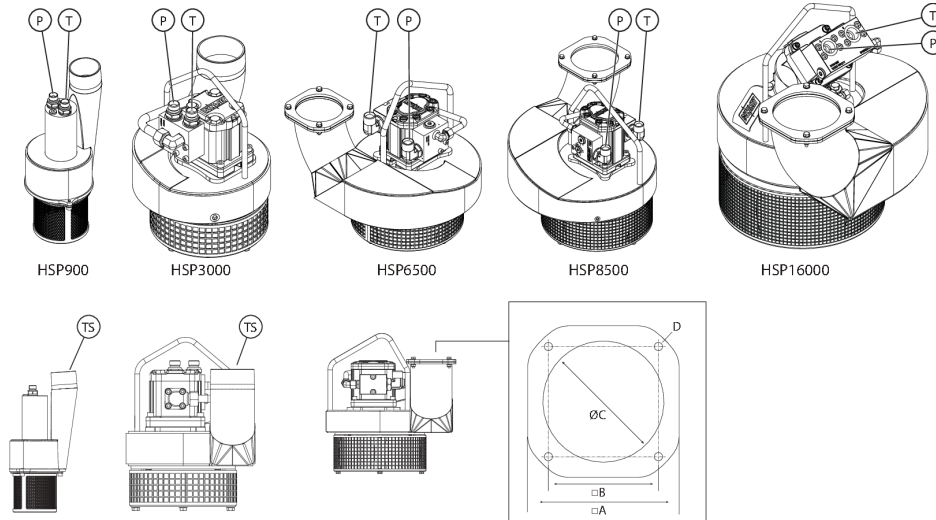
<b>1. DIMENSIONS .....</b>	<b>4</b>
<b>2. CONNECTIONS .....</b>	<b>5</b>
<b>3. TECHNICAL SPECIFICATIONS .....</b>	<b>6</b>

## 1. DIMENSIONS



Model	Dimensions,				Weight
	W1	W2	W3	H	kg (lbs)
<b>HSP900/5-36</b>	162 (6.4)	133 (5.2)	141 (5.6)	335 (13.2)	5.2 (11)
<b>HSP3000/5-48</b>	304 (12.0)	257 (10.1)	( )	347 (13.7)	10 (22)
<b>HSP6500/5-85</b>	477 (18.8)	436 (17.2)	( )	471 (18.5)	39 (86)
<b>HSP8500/5-135</b>	572 (22.5)	527 (20.7)	( )	525 (20.7)	51 (113)

## 2. CONNECTIONS

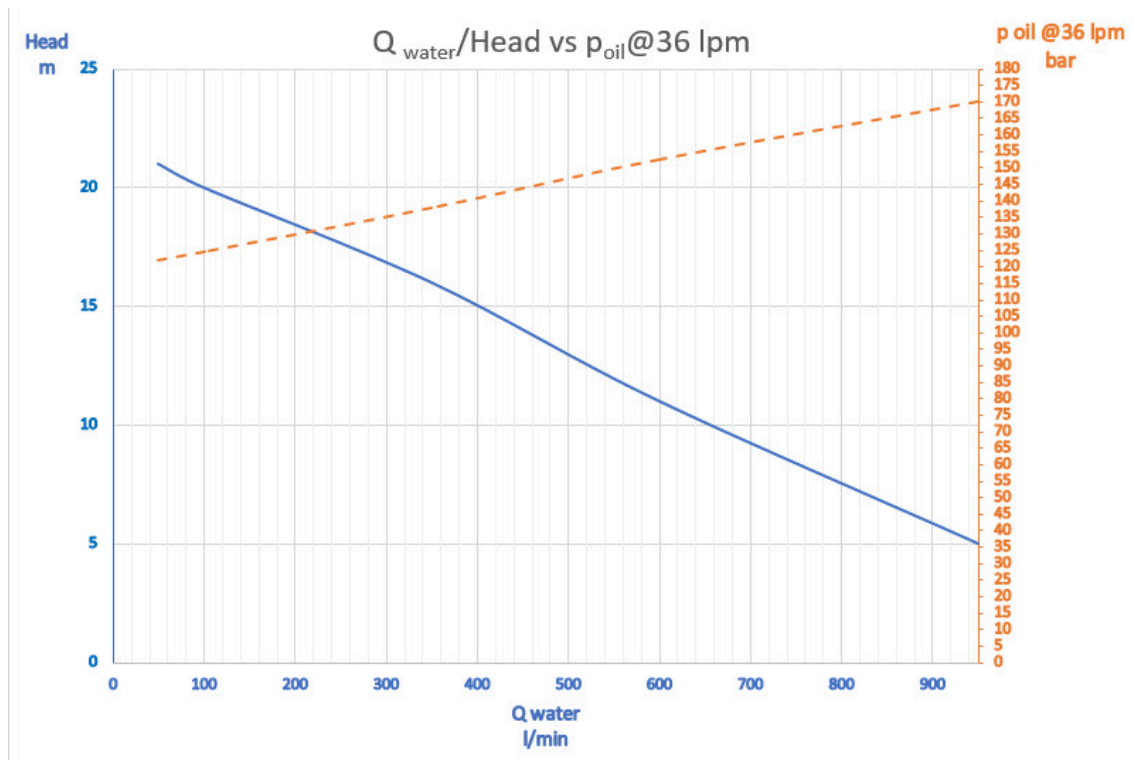
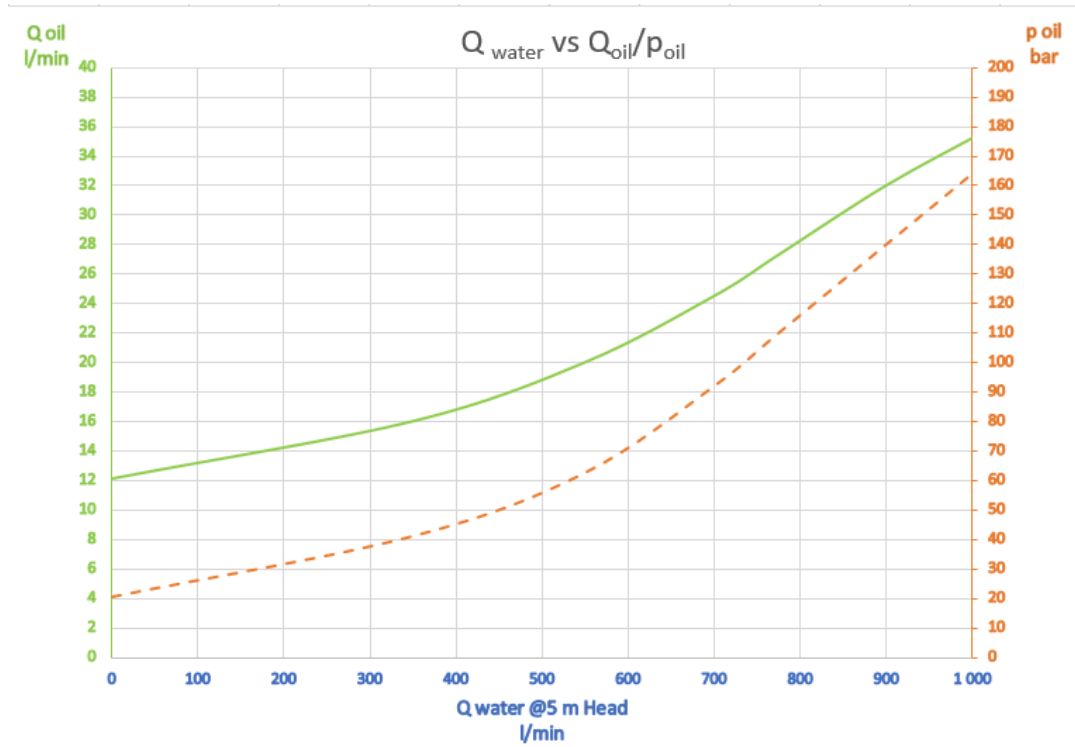


Model	Connections			Connection flange, mm (in)			
	Pressure Line, P	Return Line, T	Thread size, TS	A	B	C	D
<b>HSP900/5-36</b>	BSPP 3/8	BSPP 3/8	R2"	( )	( )	( )	( )
<b>HSP3000/5-48</b>	BSPP 1/2	BSPP 1/2	R3"	( )	( )	( )	( )
<b>HSP6500/5-85</b>	BSPP 3/4	BSPP 1	-"	165 (6.5)	120 (4.7)	132 (5.2)	9.5 (0.4)
<b>HSP8500/5-135</b>	BSPP 1	BSPP 1	-"	205 (8.1)	150 (5.9)	155 (6.1)	9.5 (0.4)

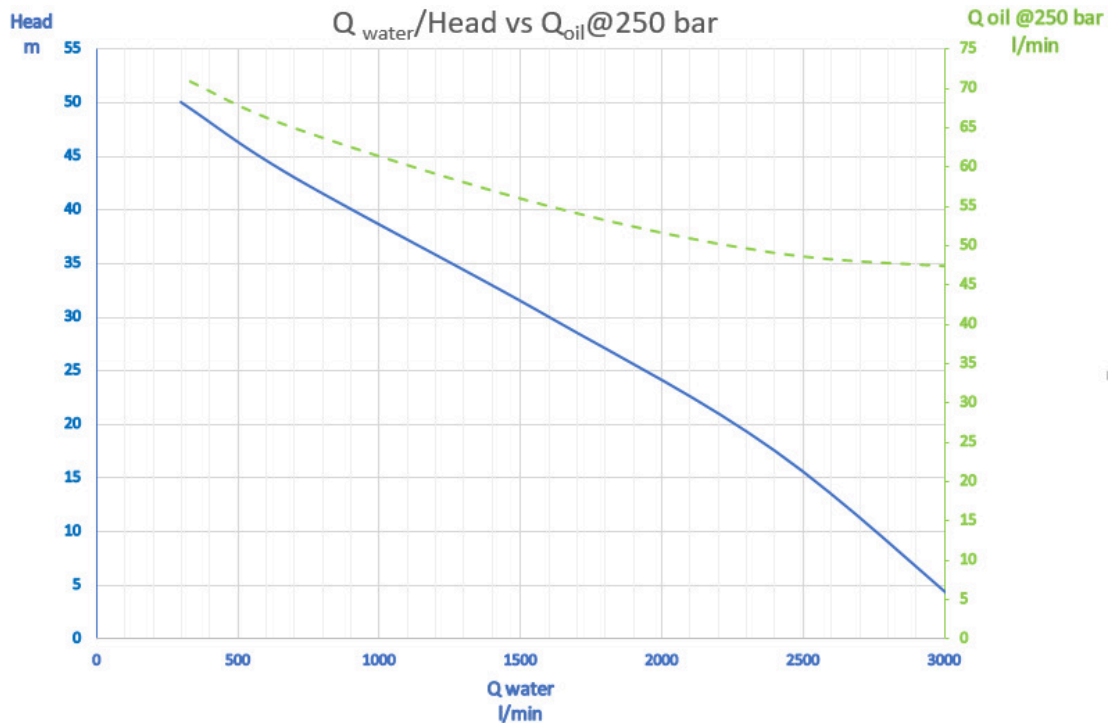
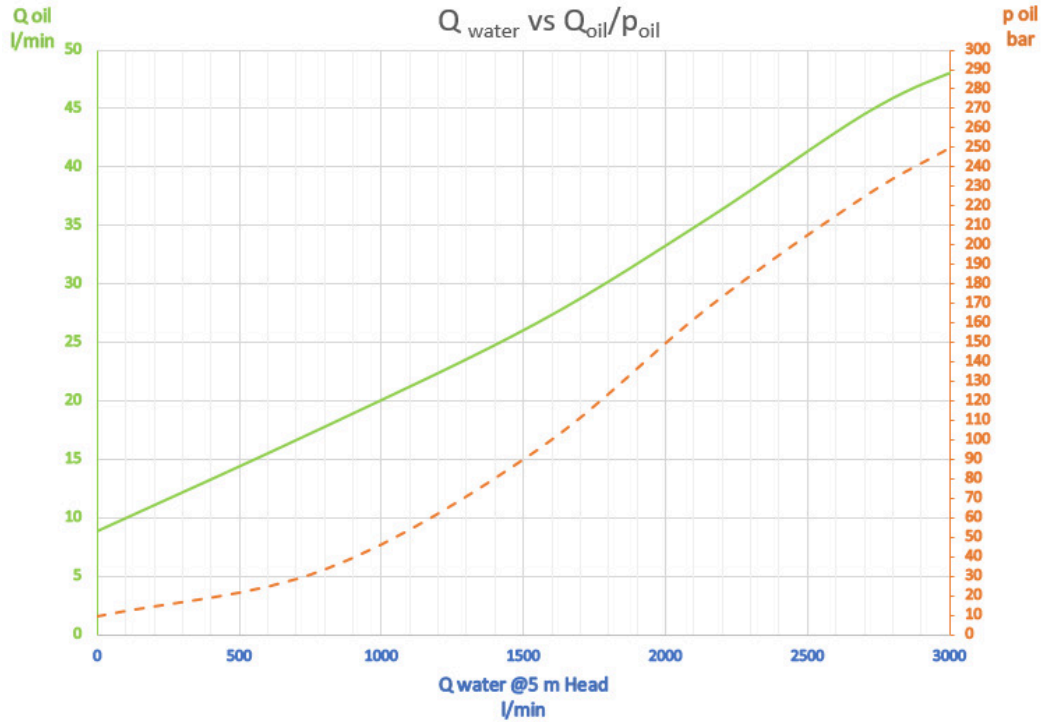
## 3. TECHNICAL SPECIFICATIONS

		HSP900/5-36	HSP3000/5-48	HSP6500/5-85	HSP8500/5-135
<b>DISCHARGE CHARACTERISTICS</b>					
Discharge at max. hyd. flow	<b>l/min (gpm)</b>	900 (237.78)	3,000 (792.60)	6,500 (1,717.31)	8,500 (2,245.71)
Discharge at standard head of 5m	<b>l/min (gpm)</b>	900 (237.78)	3,000 (792.60)	6,500 (1,717.31)	8,500 (2,245.71)
Discharge at max. head	<b>l/min (gpm)</b>	50 (13.21)	300 (79.26)	100 (26.42)	50 (13.21)
Pump head max.	<b>m (ft)</b>	21 (68.90)	50 (164.04)	50 (164.04)	40 (131.23)
Output connection**	<b>in</b>	R2"	R3"	5"	6"
Water temperature max.	<b>°C(°F)</b>	50 (122)	50 (122)	50 (122)	50 (122)
<b>HYDRAULIC POWER REQUIREMENTS</b>					
Flow at max water discharge	<b>l/min (gpm)</b>	36 (9.51)	48 (12.68)	85 (22.46)	135 (35.67)
Flow at max water head	<b>l/min (gpm)</b>	36 (9.51)	70 (18.49)	135 (35.67)	215 (56.80)
Pressure max.	<b>bar (psi)</b>	170 (44.91)	250 (66.05)	250 (66.05)	230 (60.77)
Tank pressure max.	<b>bar (psi)</b>	30 (7.93)	30 (7.93)	30 (7.93)	30 (7.93)
Hydraulic Motor		gerotor	gear	gear	gear
<b>HYDRAULIC FLUID REQUIREMENTS</b>					
Viscosity	<b>cSt</b>	10-200 / optimum 25-35	10-200 / optimum 25-35	10-200 / optimum 25-35	10-200 / optimum 25-35
Temperature max.*	<b>°C(°F)</b>	70 (158)	70 (158)	70 (158)	70 (158)
Filter ratio	<b>µm</b>	25>	25>	25>	25>
Gallons are U.S. liquid gallons					
* Depending on hydraulic fluid.					
**HSP 900 & 3000 are threaded, 6500 & 8500 are flanged					

## HSP 900

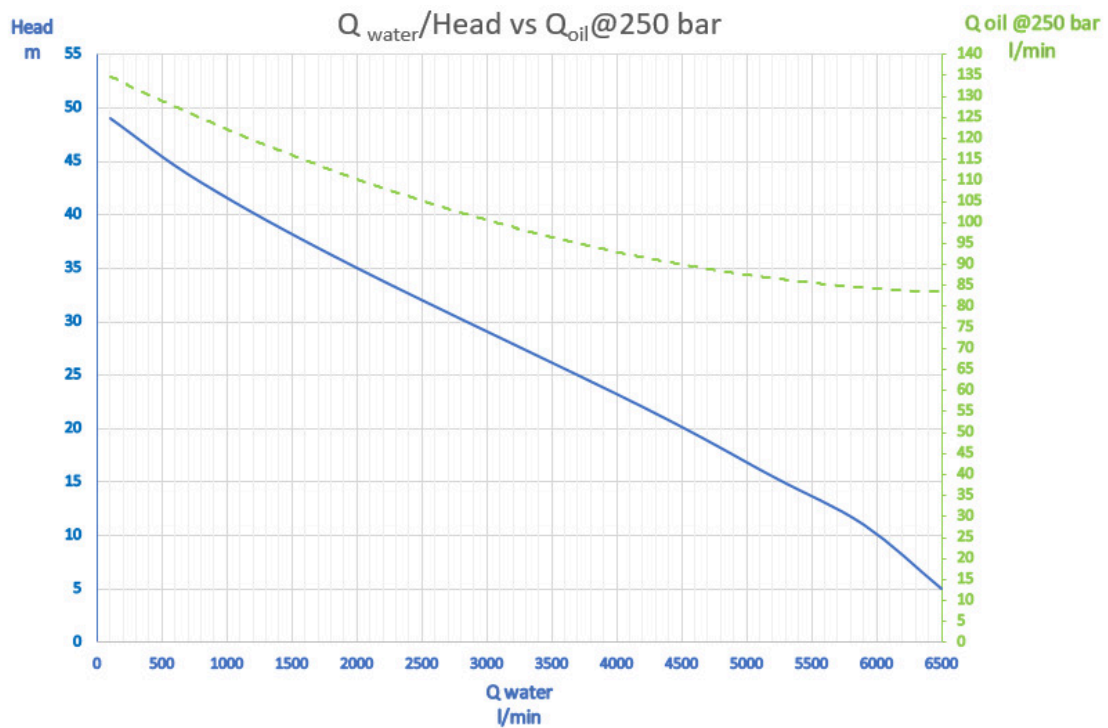
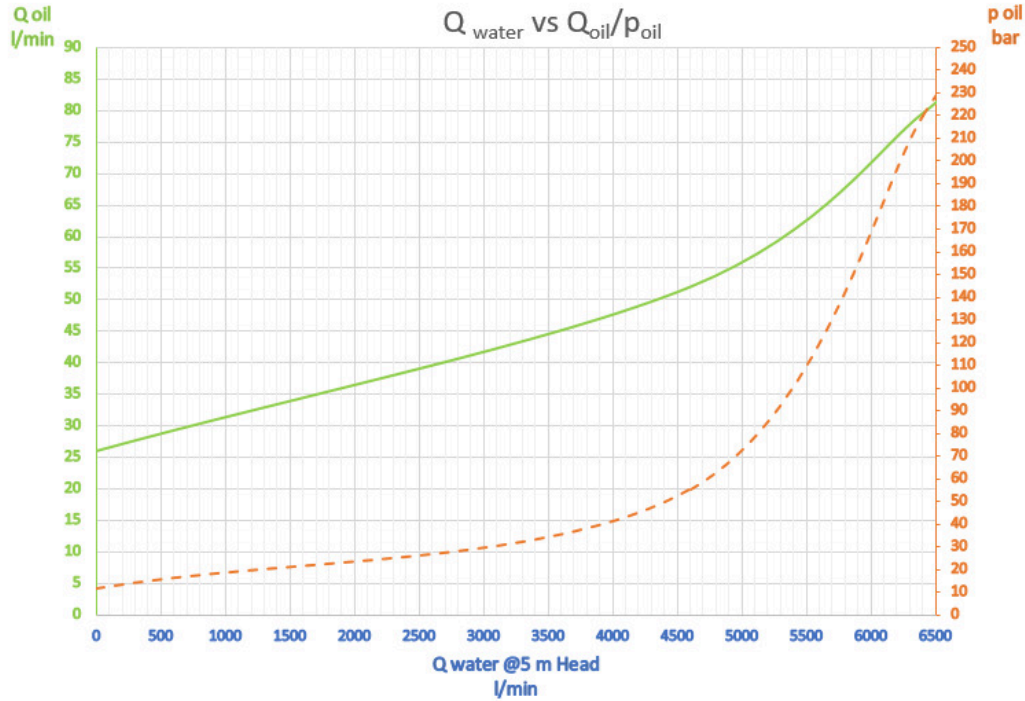


## HSP 3000

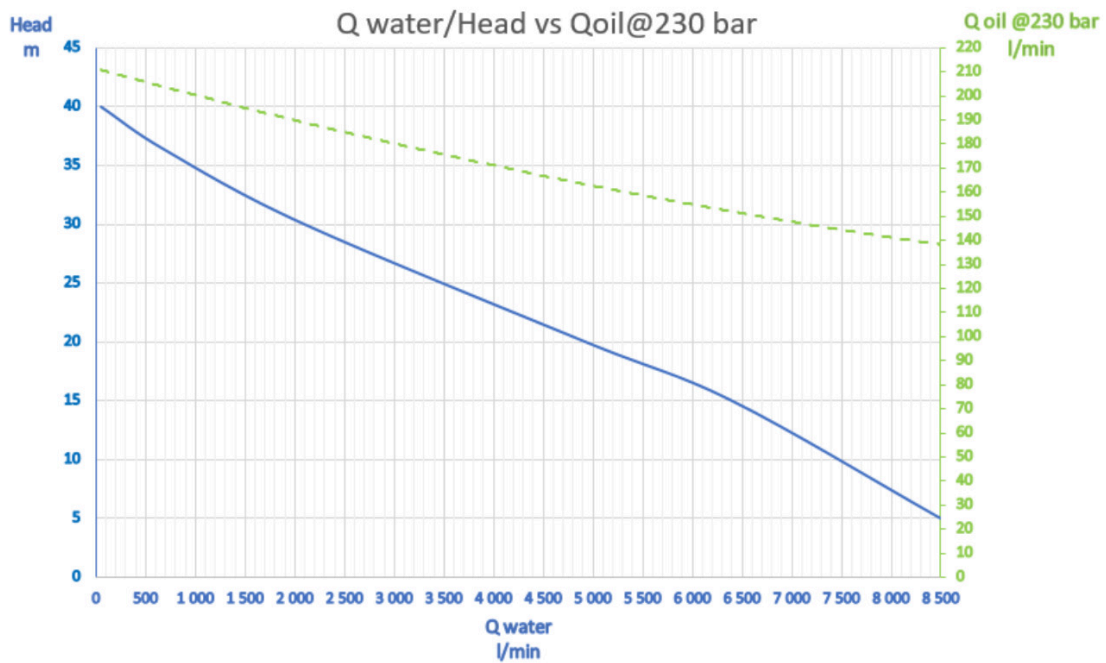
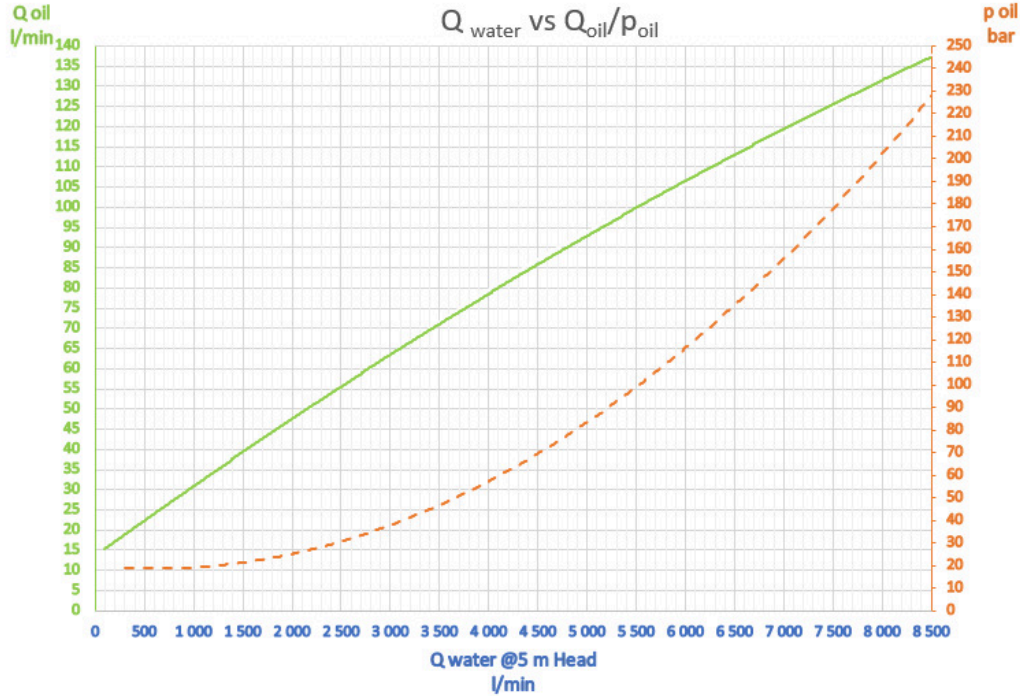




## HSP 6500



## HSP 8500





**POWERED BY HYDRAULICS**

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tel: +358 3 3488 200  
info@DYNASET.com



#### 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  
KPL-WEED Weed Killing Unit  
SCU Surface Cleaning 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 Vibration Pump  
HVD Hydraulic Directional Vibra  
HRC Hydraulic Reversal Cylinder



#### POWER BOOSTING

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



#### VACUUM

HCF Hydraulic Centrifugal Fan  
HRVB Hydraulic Recycling Vacuum Bucket



#### KNOW-HOW

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

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