

## DATASHEET

### HPI Hydraulic Pressure Intensifiers



**HPI700/10-25    HPIC700/10-60    HPIC700/30-300**  
**HPI700/30-75    HPIC700/30-100**  
**HPI800/30-15    HPIC700/30-200**



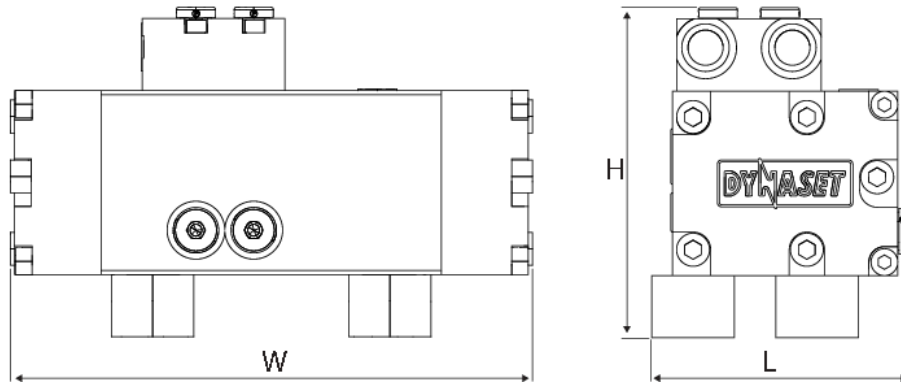
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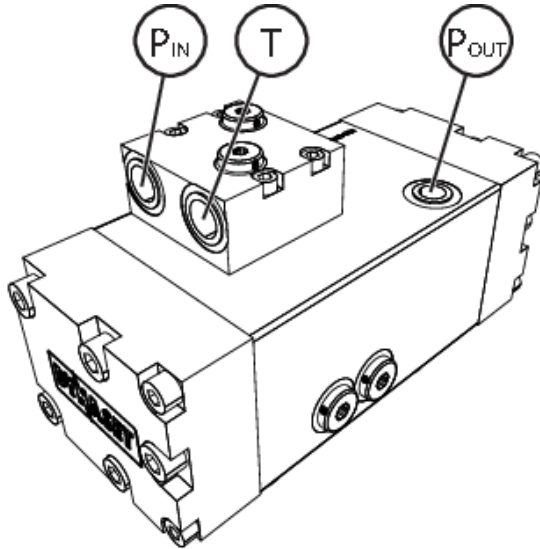
## 1. HPI

### DIMENSIONS



Model	Dimensions, mm (in)			Weight kg (lbs)
	Length, L	Width, W	Height, H	
HPI700/10-25	79 (3.1)	204 (8.0)	141 (5.6)	8 (18)
HPI700/30-75	123 (4.8)	253 (10.0)	159 (6.3)	16 (35)
HPI800/30-15	130 (5.1)	299 (11.8)	186 (7.3)	28 (62)

CONNECTIONS



Model	Connections		
	Pressure Line In, P in	Pressure Line Out, P out	Return Line, T
HPI700/10-25	BSPP 1/2	BSPP 1/4	BSPP 1/2
HPI700/30-75	BSPP 1/2	BSPP 3/8	BSPP 1/2
HPI800/30-15	BSPP 3/4	BSPP 3/8	BSPP 3/4

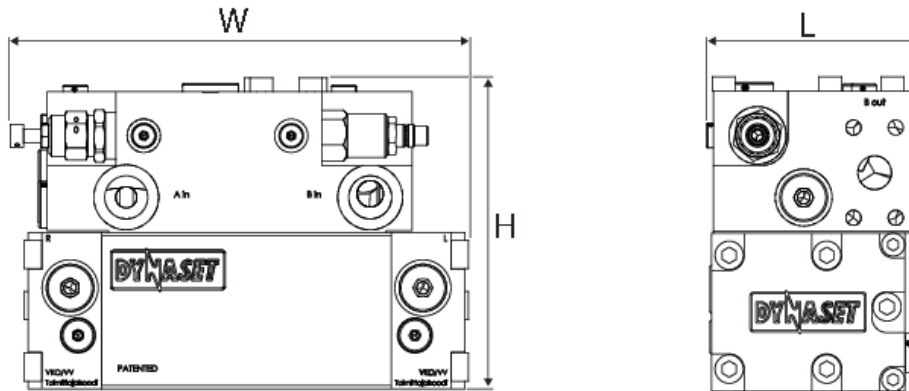
**TECHNICAL SPECIFICATIONS**

		HPI700/10-25	HPI700/30-75	HPI800/30-15
<b>DISCHARGE CHARACTERISTICS</b>				
Output flow max.	l/min (gpm)	10 (2.64)	30 (7.93)	30 (7.93)
Output Pressure max.	bar (psi)	700 (10'153)	700 (10'153)	800 (11'603)
Noise level, LWA	<b>dB(A)</b>	101	101	
<b>HYDRAULIC POWER REQUIREMENTS</b>				
Flow max.	l/min (gpm)	25 (6.61)	75 (19.82)	115 (30.38)
Pressure max.	bar (psi)	350 (92.47)	350 (92.47)	220 (58.12)
<b>HYDRAULIC FLUID REQUIREMENTS</b>				
Viscosity	cSt	10-200 / optimum 25-35	10-200 / optimum 25-35	10-200 / optimum 25-35
Temperature max.	°C(°F)	70 (158)	70 (158)	70 (158)
Filter ratio	<b>µm</b>	25>	25>	25>
Gallons are U.S. liquid gallons				



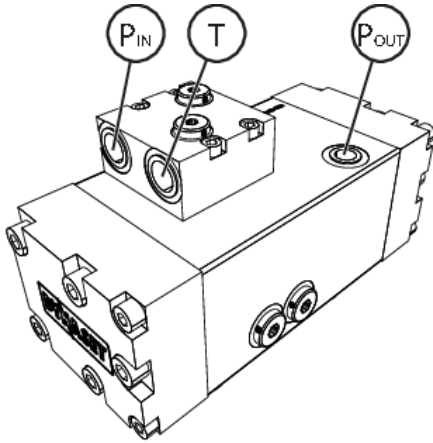
## 2. HPIC

### DIMENSIONS



Model	Dimensions, mm (in)			Weight
	Length	Width	Height	kg (lbs)
HPIC700/10-60	79 (3.1)	225 (8.9)	154 (6.1)	13.5 (30)
HPIC700/30-100	124 (4.9)	253 (10.0)	159 (6.3)	29 (64)
HPIC700/30-200	124 (4.9)	253 (10.0)	159 (6.3)	30 (66)
HPIC700/30-300	124 (4.9)	253 (10.0)	159 (6.3)	30 (66)

## CONNECTIONS



Model	Connections				
	A in	A out	B in	B out 1	B out 2
<b>HPIC700/10-60</b>	BSPP 1/2	BSPP 1/4 SAE 10000 PSI 1/2	BSPP 1/2	BSPP 1/2	BSPP 1/2
<b>HPIC700/30-100</b>	BSPP 3/4	BSPP 3/4 SAE 1	BSPP 3/4	BSPP 3/4	SAE 3/4 BSPP 1
<b>HPIC700/30-200</b>	BSPP 1	BSPP 3/4 SAE 1	BSPP 1	BSPP 1	SAE 1 BSPP 1/ 2
<b>HPIC700/30-300</b>	BSPP 1	BSPP 3/4 SAE 1	BSPP 1	BSPP 1	SAE 1 BSPP 1/ 2

**TECHNICAL SPECIFICATIONS**

		HPIC700/10-60	HPIC700/30-100	HPIC700/30-200	HPIC700/30-300
<b>DISCHARGE CHARACTERISTICS</b>					
Output flow max.	l/min (gpm)	10 (2.64)	30 (7.93)	30 (7.93)	30 (7.93)
Output Pressure max.	bar (psi)	700 (10'153)	700 (10'153)	700 (10'153)	700 (10'153)
<b>HYDRAULIC POWER REQUIREMENTS</b>					
Flow max.	l/min (gpm)	60 (15.85)	100 (26.42)	200 (52.84)	300 (79.26)
Pressure max.	bar (psi)	350 (92.47)	350 (92.47)	350 (92.47)	350 (92.47)
<b>HYDRAULIC FLUID REQUIREMENTS</b>					
Viscosity	cSt	10-200 / optimum 25-35	10-200 / optimum 25-35	10-200 / optimum 25-35	10-200 / optimum 25-35
Temperature max.	°C (°F)	70 (158)	70 (158)	70 (158)	70 (158)
Filter ratio	<b>µm</b>	25	25	25	25
Gallons are U.S. liquid gallons					





**PARTNER OF YOUR MACHINE**

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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  
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  
HPIC 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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