

MCKARLEN

KHL - 50Hz



DRAINAGE PUMP FOR HIGH HEAD APPLICATION



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The KHL pump is the ultimate choice for high head pumping designed for continuous, unattended operation. For so many years, they have proven their reliable performance in a wide range of challenging applications worldwide.

The KHL drainage pumps are designed for professional use in tough applications like sump pit, wastewater drainage, irrigation, light industrial, commercial and residential applications and other industries.

They are Designed For:

- Sprinkle and basement drainage system
- Fountain and waterfall
- Emptying Application for pools, basement, etc.
- Agriculture water supply and drainage
- Water supply for irrigation systems
- Water intake from river, lake, etc.



CONSTRUCTION



The KHL pump is very suitable for drain water in construction area which need to drain the water to far area that need high head pump with cast iron non-clogging impeller and built-in motor protector to prevent overheating. Their hardened shaft ensure long lasting operation.

INDUSTRIAL



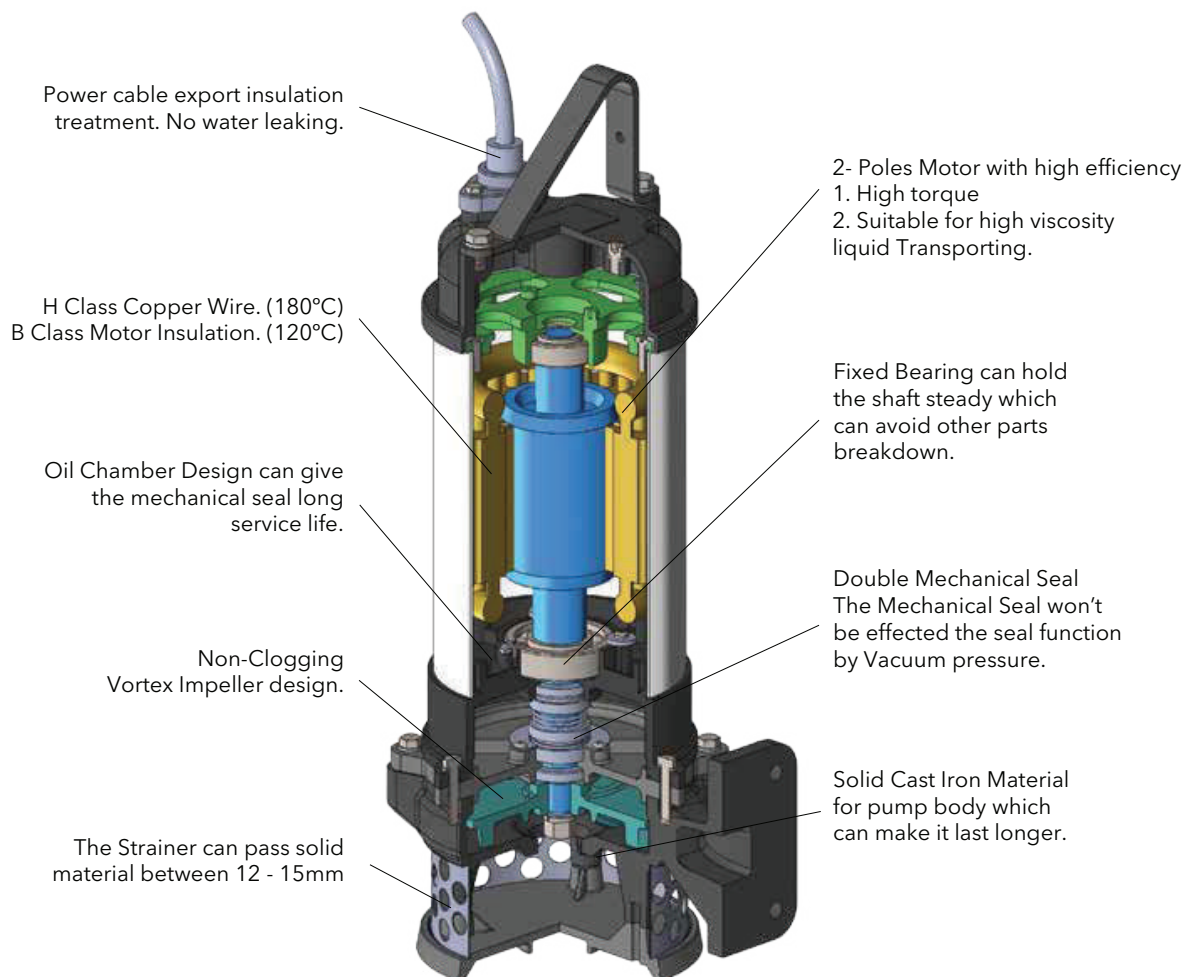
The KHL pump can be the right choice for industrial sewage drainage or treatment plant. The constructions of the pump are using double mechanical seal with SS304 motor housing.

WATER INTAKE



The KHL series are easy to install and required low maintenance. They offer comprehensive range of drainage pumps providing cost effective solutions for irrigation and drainage of agricultural lands and water intake.

SECTIONAL VIEW



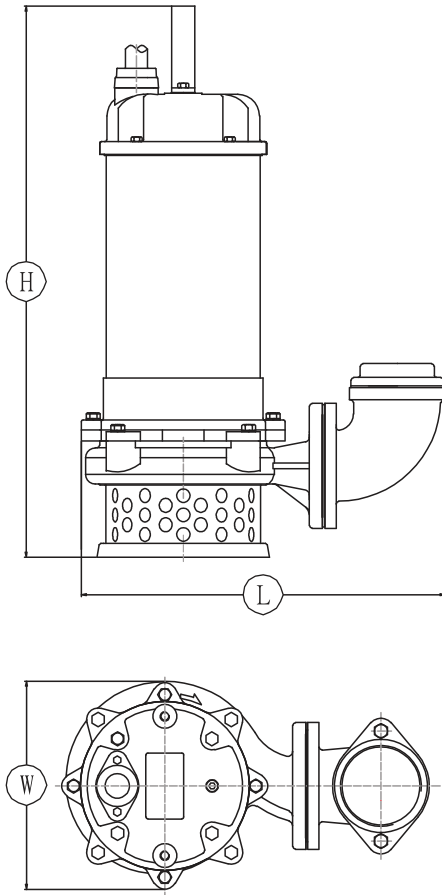
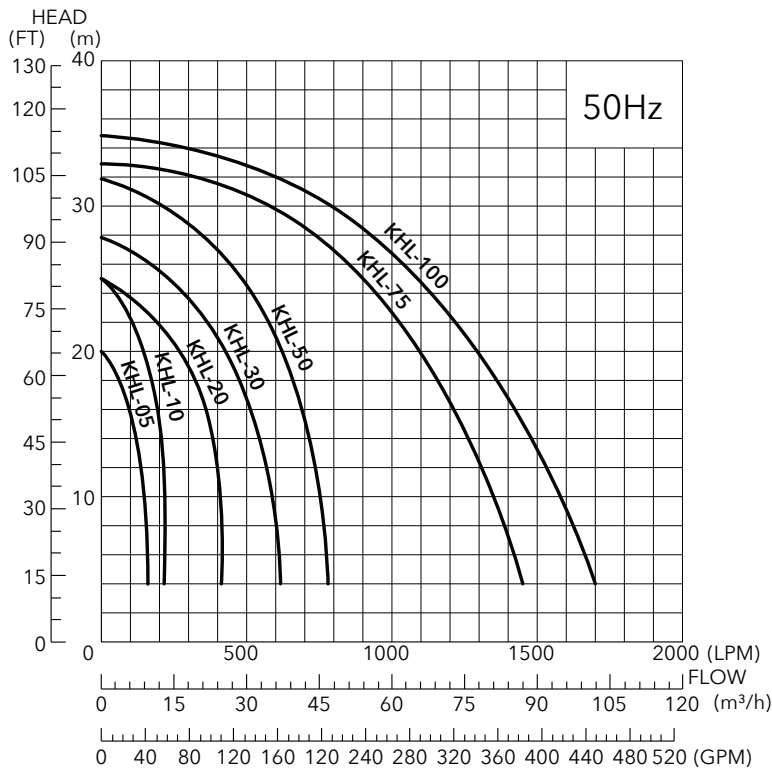
MATERIAL

Pump Casing	Cast Iron
Motor Housing	Stainless Steel 304
Impeller Ductile	Ductile Cast Iron
Shaft	Stainless Steel 304
Seal Pump Side	SIC/ALOX
Seal Motor Side	CAR/ALOX
O-Ring/Packing	NBR

SPECIFICATION

Liquid Temp.	: 0 - 40°C
Max. Ambient Temp.	: 40°C
Max. Depth	: 8 m
Max. Solid Pass	: 12 - 15 mm
Motor	: 0.4 - 7.5 kW / 0.5 - 10 HP
Max. Flow	: 180 - 1680 Lpm
Max. Head	: 20 - 38 m
Outlet	: 1 1/4" - 4"
Freq	: 50 Hz
H Class Copper Wire	
B Class Copper Motor Insulation	
2 Pole Motor, 2900/3450 rpm, IP68	

PERFORMANCE CURVE



TECHNICAL DATA

Model	Output		Outlet		Solid Pass (mm)	Max. Flow lpm	Max. Head (m)	Dimension LxWxH(mm)	Weight (Kg)
	HP	kW	mm	inch					
KHL-05	0.5	0.4	38	1 1/4	8	180	20	220 x 160 x 370	16
KHL-10	1	0.75	50	2	8	220	25	252 x 173 x 470	17
KHL-20	2	1.5	50	2	12	415	25	375 x 208 x 590	35
KHL-30	3	2.2	50	2	12	320	28	393 x 222 x 595	45
KHL-50	5	3.7	50	2	15	770	32	393 x 222 x 595	50
KHL-75	7.5	5.5	80	3	15	1450	33	482 x 255 x 710	96
KHL-100	10	7.5	100	4	15	1700	35	482 x 255 x 755	104

Specifications can be change without notice