



WALRUS PUMP Coolant Pump TPAK Series



บริษัท ออยเซอร์ฟ จำกัด
OILSERVE CO., LTD.

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Power: ¼ - 1.5 HP
50Hz
Head: Up to 12M
Flow: Up to 360 L/min
60Hz
Head: Up to 17M
Flow: Up to 400 L/min
Outlet: ½" - 1½"

Applications:

The TPAK Series coolant pump is design for the circulation and spraying of cooling lubricants, especially for machine tools.

This series may use on all machine tools performing Turning, Milling, Drilling, Cutting, Slitting, Grinding etc. operation.

It is suitable to carry liquids such as water, coolant, light oil and other clean, non aggressive matters.

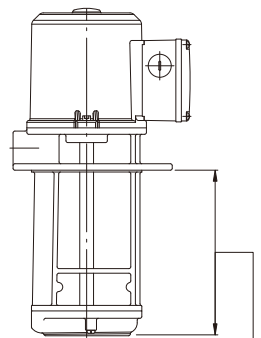
Operation Conditions:

1. Ambient temperature :Max. +40°C
2. Liquid temperature range:+0°C ~ +90°C
3. Operating pressure:Max. 10 kg/cm²

Pump Construction:

The pump is one-chamber vertical centrifugal pump, co-axial pump/motor design, impellers mounted on extended motor shaft.

Model code:



TPAK 2 - 18

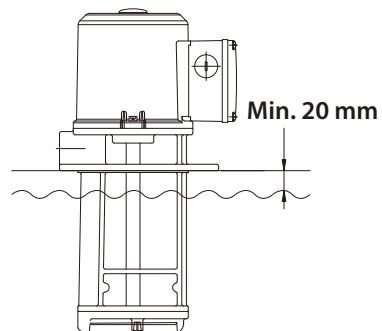
- Installation length [mm]
18 x 10 = 180 mm
- Output power
2 = ¼ HP
4 = ½ HP
8 = 1 HP
15 = 1.5HP
- Model name

Motor

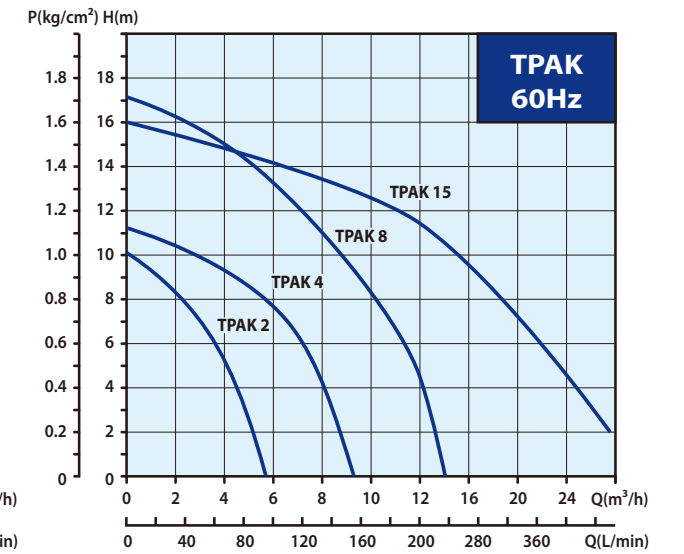
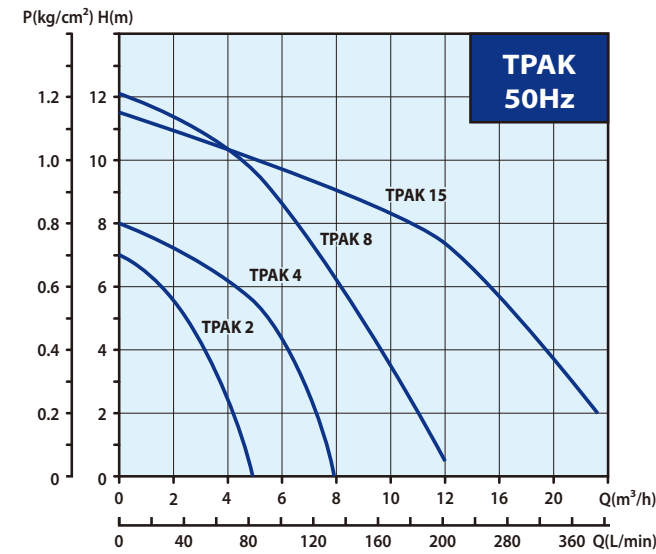
Enclosure protection class: IP54
 Insulation class: F
 Frequency range: 50 / 60 Hz
 Nominal speed : 2900 / 3500 rpm
 Standard voltages : 3Ø 50Hz: 200-255V / 380-440V
 3Ø 60Hz: 200-255V / 380-480V

Installation

Maximum liquid level

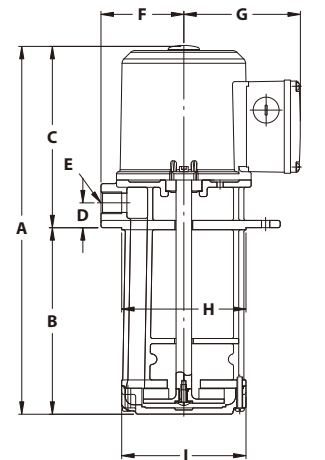


Performance curve



Dimensions (mm)

Model	DIMENSIONS: (mm)											N.W weight (kg)	
	A	B	C	D	E	F	G	H	I	J	K		
TPAK 2-15	325	150	175	24	PF ½"	80	112.5	Ø120	Ø120	160	4xØ8 PCD158	9.5	36
TPAK 2-18	355	180	175	24	PF ½"	80	112.5	Ø120	Ø120	160	4xØ8 PCD158	10.0	36
TPAK 2-25	425	250	175	24	PF ½"	80	112.5	Ø120	Ø120	160	4xØ8 PCD158	10.6	24
TPAK 4-15	385	150	235	28	PF ¾"	85	111	Ø135	Ø135	170	4xØ9 PCD170	11.2	24
TPAK 4-18	415	180	235	28	PF ¾"	85	111	Ø135	Ø135	170	4xØ9 PCD170	11.9	24
TPAK 4-25	485	250	235	28	PF ¾"	85	111	Ø135	Ø135	170	4xØ9 PCD170	12.7	24
TPAK 8-18	456	180	276	29	PF 1"	95	111	Ø150	Ø150	190	4xØ9 PCD185	15.5	24
TPAK 8-25	526	250	276	29	PF 1"	95	111	Ø150	Ø150	190	4xØ9 PCD185	17.1	24
TPAK 15-25	573	248	325	42	PF 1½"	122	124	Ø180	Ø180	200	4xØ9 PCD210	24.0	15



Electrical data, 50/60Hz

Model	PH (Ø)	Cycle (Hz)	Input Power (W)	Volts (V)	Full load current (A)
TPAK 2	3	50	270	200-255 / 380-440	1.0-1.3 / 0.6-0.8
		60	350	200-255 / 380-480	1.2 / 0.7
TPAK 4	3	50	440	200-255 / 380-440	1.5-1.9 / 0.9-1.2
		60	620	200-255 / 380-480	2.0 / 1.1
TPAK 8	3	50	930	200-255 / 380-440	3.1-4.4 / 1.9-2.6
		60	1320	200-255 / 380-480	4.0 / 2.4
TPAK 15	3	50	1300	220 / 380	4.8 / 2.8
		60	2000	220 / 380	5.4 / 3.1

