



WALRUS
PUMP

TPAK Series

Coolant Pump



**Better Life
Through Innovation**

TPAK Series Coolant Pump

50 Hz

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

60 Hz

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



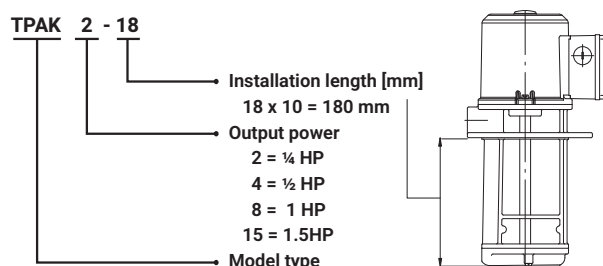
Product Features

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

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.

Model Code



Operating Conditions

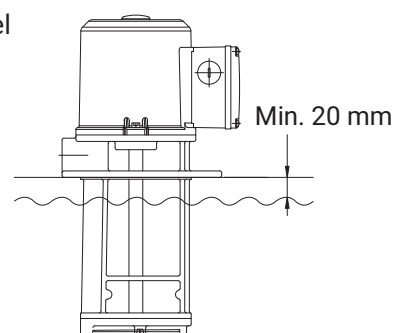
- Ambient temperature: Max. +40°C
- Liquid temperature range: +0°C ~ +90°C
- Operating pressure: Max. 10 kg/cm²

Motor

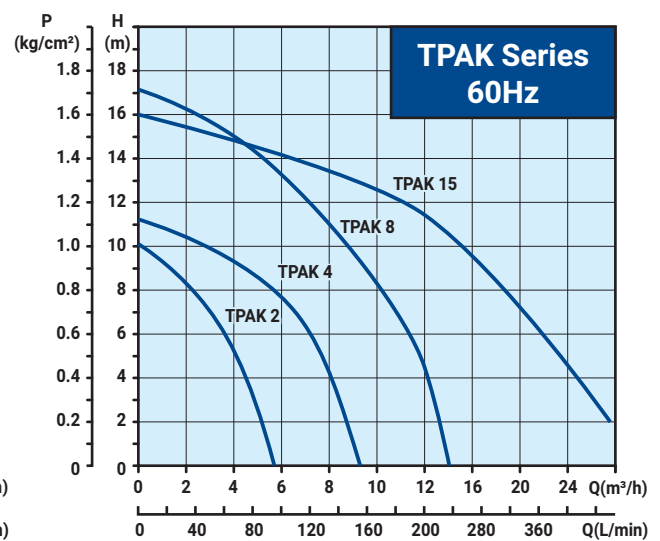
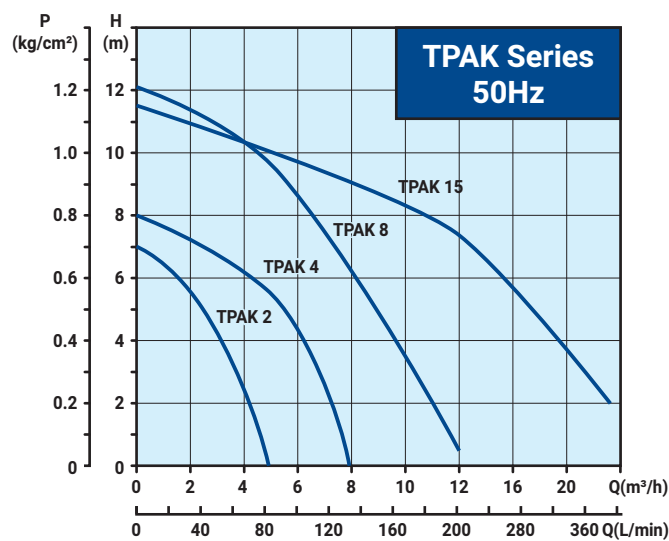
- Enclosure protection class: IP54
- Insulation class: F.
- Frequency range: 50/60 Hz
- Nominal speed: 2900/3500 rpm
- Standard voltages: 3Ø 50Hz: 200-255V/380-440V
3Ø 60Hz: 200-255V/380-480V

Installation

Maximum liquid level



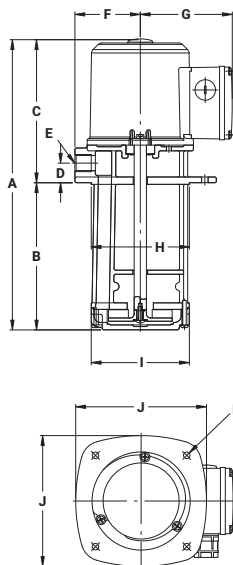
Performance Curve



Electrical Data

Model	PH Ø	Voltage code	Cycle Hz	Volts V	Input kW	Output kW	Ampere A
TPAK 2	3	A3Z	50	200-255 / 380-440	0.27	0.18	1.0-1.3 / 0.6-0.8
			60	200-255 / 380-480	0.35	0.24	1.2 / 0.7
TPAK 4	3	A3Z	50	200-255 / 380-440	0.44	0.30	1.7-2.5 / 1.0-1.5
			60	200-255 / 380-480	0.62	0.42	2.0 / 1.3
TPAK 8	3	A3Z	50	200-255 / 380-440	0.93	0.63	3.1-4.4 / 1.9-2.6
			60	200-255 / 380-480	1.32	0.90	4.0 / 2.4
TPAK 15	3	A3F	50	220 / 380	1.30	0.89	4.8 / 2.8
			60	220 / 380	2.00	1.36	5.4 / 3.1

Dimensions



Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	K mm	N.W. kg	
TPAK 2-15	325	150	175	24	Rp ½"	80	113	Ø120	Ø120	160	4xØ8 PCD158	9.5	36
TPAK 2-18	355	180	175	24	Rp ½"	80	113	Ø120	Ø120	160	4xØ8 PCD158	10.0	36
TPAK 2-25	425	250	175	24	Rp ½"	80	113	Ø120	Ø120	160	4xØ8 PCD158	10.6	30
TPAK 4-15	386	150	236	28	Rp ¾"	85	111	Ø135	Ø135	170	4xØ9 PCD170	11.2	30
TPAK 4-18	416	180	236	28	Rp ¾"	85	111	Ø135	Ø135	170	4xØ9 PCD170	11.9	30
TPAK 4-25	486	250	236	28	Rp ¾"	85	111	Ø135	Ø135	170	4xØ9 PCD170	12.7	24
TPAK 8-18	457	180	277	29	Rp 1"	95	111	Ø150	Ø150	190	4xØ9 PCD185	15.5	24
TPAK 8-25	527	250	277	29	Rp 1"	95	111	Ø150	Ø150	190	4xØ9 PCD185	17.1	24
TPAK 15-25	573.5	250	323.5	40	Rp 1½"	122	127	Ø180	Ø180	200	4xØ9 PCD210	24.0	15



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All specifications are subject to change without notice. TPAK-EN008b-202309

