



WALRUS
PUMP

TPRK_E Series

Immersible Pump

IE3 
Motor



**Better Life
Through Innovation**

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TPRK_E Series Immersible Pump

50 Hz

Power: 1.5 - 5.5 kW
Head: Up to 240 M
Flow: Up to 183 L/min
Outlet: 1¼"

60 Hz

Power: 1.5 - 7.5 kW
Head: Up to 257 M
Flow: Up to 208 L/min
Outlet: 1¼"



Construction Industry



Agriculture & Fishing Industry



Manufacturing Industry



Electricity & New Energy Industry



Entertainment & Leisure Industry



Accommodation & Food Service Industry



Wholesale & Retail Industry



Water Supply & Pollution Control



Service Industry



Product Features

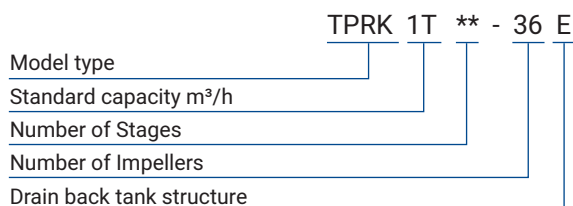
- Immersible vertical multistage centrifugal pump, self-priming, coupling connection between pump and motor, stainless steel construction design ensures corrosion-free operation.
- By the Drain back tank structure, that the liquid remains in the tank even the mechanical seal leakage, and use cartridge mechanical seal for easy maintenance.

Applications

The TPRK_E Series is vertical multistage centrifugal pump, designed for industrial use, specially for machine tools. It is suitable to carry fluids such as water, coolant, light oil and other clean, non aggressive matters:

- Industrial circulation system
- Washing/cleaning system
- Filtration system

Model Code



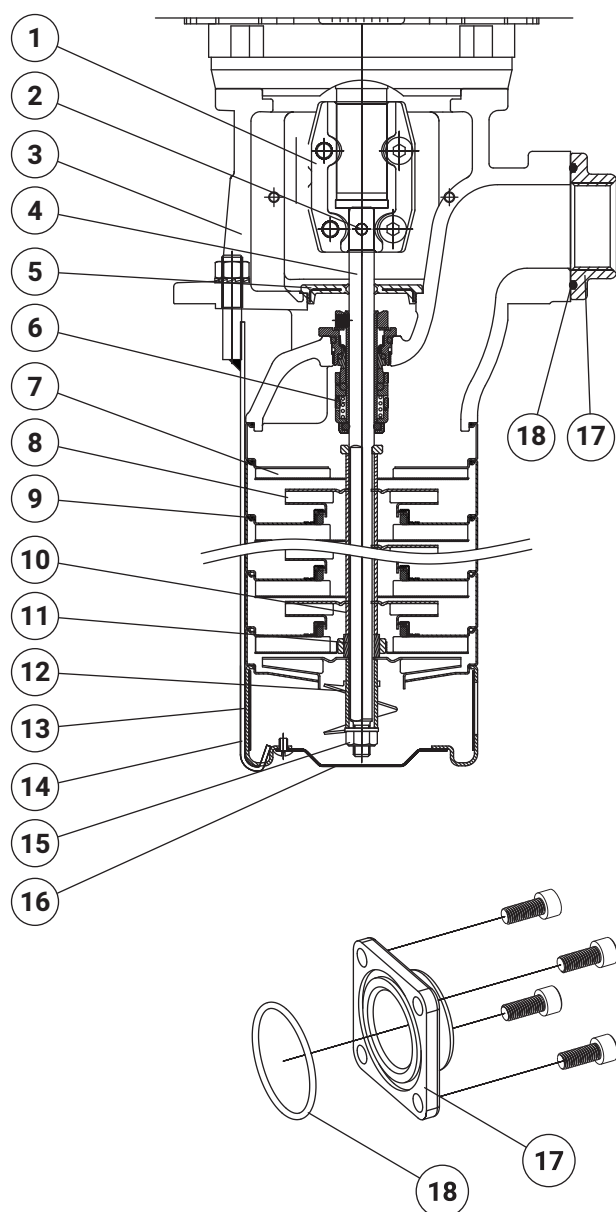
Operating Conditions

- Ambient temperature: Max. +40°C
- Liquid temperature range: +0°C ~ +90°C
- Operating pressure: Max. 30 kg/cm²
- Submerged depth: Min. 40 mm

Motor

- Enclosure protection class: IP54
- Insulation class: F.
- Frequency range: 50/60 Hz
- Nominal speed: 2900/3500 rpm
- Standard voltages:
 - 3Ø 50Hz: 1.5~2.2kW: 200-230/342-380V
 - 3~5.5kW: 220-240/380-415V
 - 3Ø 60Hz: 1.5~2.2kW: 220-240/380-440V
 - 3~7.5kW: 220-255/380-440V

Sectional Drawing



Materials

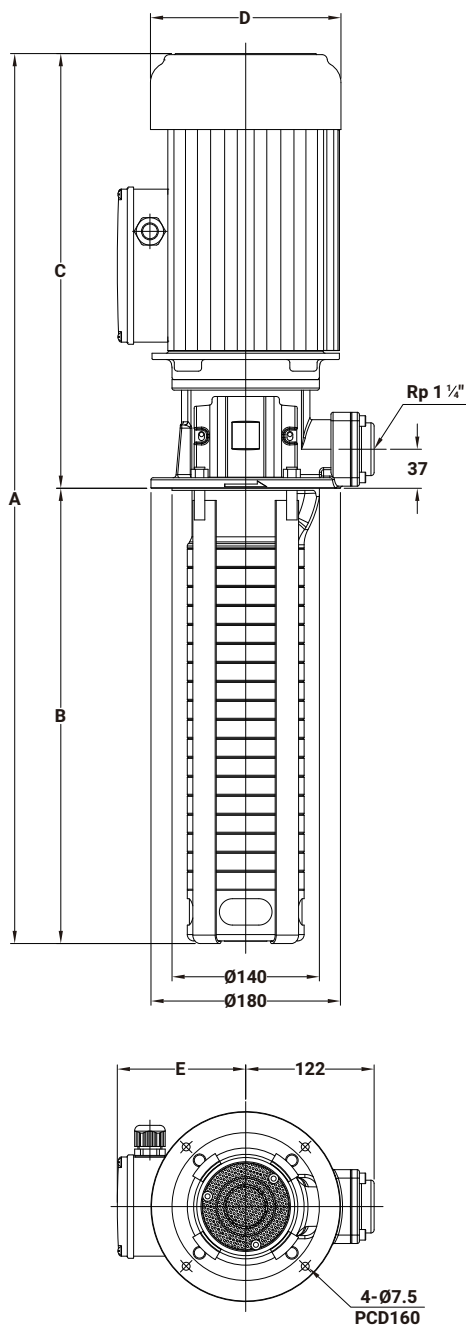
NO.	Part Name	Material
1	Coupling	SUS304 / FCD45
2	Pin	SUS304
3	Pump Casing	FCD45
4	Shaft	SUS304
5	Water Seal	NBR+SPCC
6	Mechanical Seal	SiC + SiC + HNBR + SUS 304
7	Chamber	SUS304
8	Impeller	SUS304
9	O-ring	HNBR
10	Sleeve	SUS304
11	Bearing	SiC
12	Priming Screw	SUS304
13	Suction intercon-necter	SUS304
14	Strap	SUS304
15	Nut	SUS316
16	Filter	SUS304
17	Flange	SUS304
18	O-ring	HNBR

Options on Request

■ Special mechanical seal

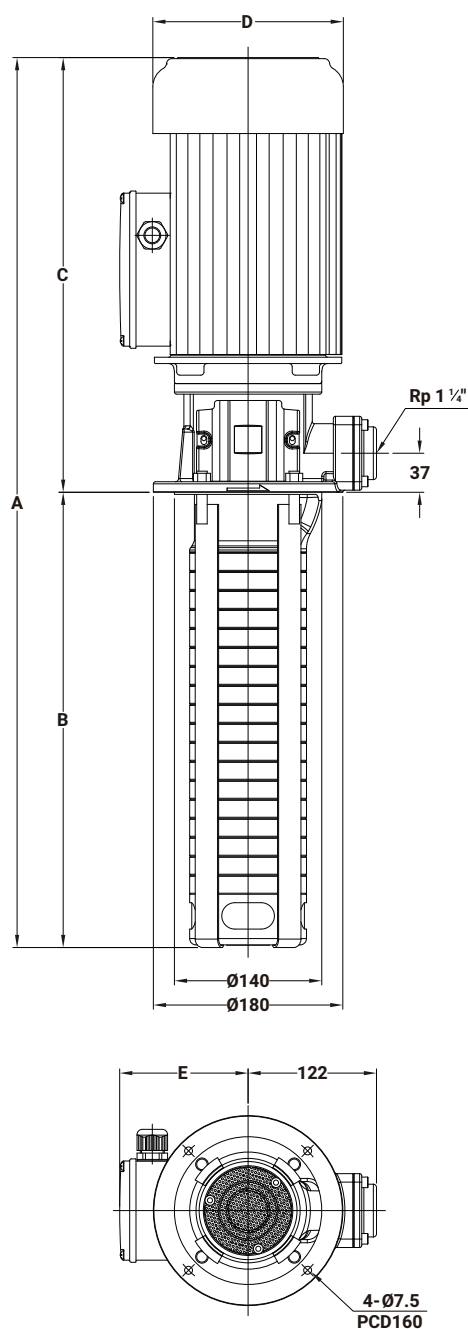
Mechanical seal type	Material	
	Stationary Face/ Rotary Face	Cup Gasket & O Ring
RSSH	(S)Silicon carbide/	(H) HNBR
RSSV	(S)Silicon carbide	(V) Viton
RSSE		(E) EPDM

Dimensions, 50Hz



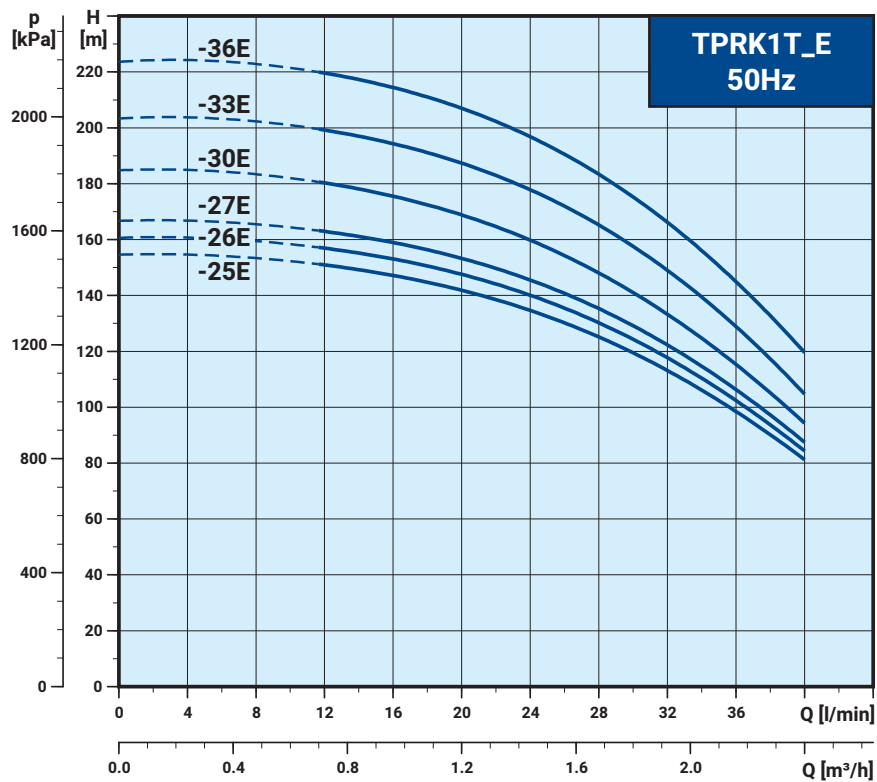
Model	A mm	B mm	C mm	D mm	E mm	N.W. kg	
TPRK1T 25-25E	953	576	377	181	123	31.85	12
TPRK1T 26-26E	971	594	377	181	123	32.11	12
TPRK1T 27-27E	989	612	377	181	123	32.36	12
TPRK1T 30-30E	1043	666	377	181	123	33.13	12
TPRK1T 33-33E	1132	720	412	181	123	36.90	12
TPRK1T 36-36E	1186	774	412	181	123	37.67	12
TPRK3T 17-17E	809	432	377	181	123	29.81	12
TPRK3T 19-19E	845	468	377	181	123	30.32	12
TPRK3T 21-21E	916	504	412	181	123	33.83	12
TPRK3T 22-22E	934	522	412	181	123	34.09	12
TPRK3T 23-23E	952	540	412	181	123	34.34	12
TPRK3T 25-25E	988	576	412	181	123	34.85	12
TPRK3T 26-26E	1006	594	412	181	123	35.11	12
TPRK3T 27-27E	1024	612	412	181	123	35.36	12
TPRK3T 30-30E	1105	666	439	208	134	45.50	12
TPRK3T 33-33E	1159	720	439	208	134	46.27	12
TPRK3T 36-36E	1213	774	439	208	134	47.04	12
TPRK5T 9 - 9E	737	360	377	181	123	28.55	12
TPRK5T 10-10E	764	387	377	181	123	28.89	12
TPRK5T 12-12E	853	441	412	181	123	32.57	12
TPRK5T 14-14E	907	495	412	181	123	33.26	12
TPRK5T 16-16E	961	549	412	181	123	33.95	12
TPRK5T 17-17E	1015	576	439	208	134	43.66	12
TPRK5T 18-18E	1042	603	439	208	134	44.00	12
TPRK5T 19-19E	1069	630	439	208	134	44.34	12
TPRK5T 20-20E	1096	657	439	208	134	44.69	12
TPRK5T 21-21E	1123	684	439	208	134	45.03	12
TPRK5T 22-22E	1180	711	469	208	134	49.97	12
TPRK5T 24-24E	1234	765	469	208	134	50.66	12
TPRK5T 26-26E	1288	819	469	208	134	51.34	-
TPRK5T 29-29E	1369	900	469	208	134	52.37	-
TPRK5T 32-32E	1534	981	553	244	162	74.75	-

Dimensions, 60Hz



Model	A mm	B mm	C mm	D mm	E mm	N.W. kg	
TPRK1T 15-15E	773	396	377	181	123	29.30	12
TPRK1T 17-17E	809	432	377	181	123	29.81	12
TPRK1T 19-19E	880	468	412	181	123	33.32	12
TPRK1T 21-21E	916	504	412	181	123	33.83	12
TPRK1T 22-22E	934	522	412	181	123	34.09	12
TPRK1T 23-23E	952	540	412	181	123	34.34	12
TPRK1T 25-25E	988	576	412	181	123	34.85	12
TPRK1T 26-26E	1033	594	439	208	134	44.48	12
TPRK1T 27-27E	1051	612	439	208	134	44.73	12
TPRK3T 9 - 9E	665	288	377	181	123	27.76	12
TPRK3T 10-10E	683	306	377	181	123	28.02	12
TPRK3T 11-11E	701	324	377	181	123	28.27	12
TPRK3T 12-12E	754	342	412	181	123	31.53	12
TPRK3T 13-13E	772	360	412	181	123	31.79	12
TPRK3T 15-15E	808	396	412	181	123	32.30	12
TPRK3T 17-17E	844	432	412	181	123	32.81	12
TPRK3T 19-19E	907	468	439	208	134	42.69	12
TPRK3T 21-21E	943	504	439	208	134	43.20	12
TPRK3T 22-22E	961	522	439	208	134	43.71	12
TPRK3T 23-23E	979	540	439	208	134	43.97	12
TPRK3T 25-25E	1045	576	469	208	134	49.08	12
TPRK3T 26-26E	1063	594	469	208	134	49.33	12
TPRK5T 5 - 5E	629	252	377	181	123	27.17	12
TPRK5T 6 - 6E	691	279	412	181	123	30.52	12
TPRK5T 7 - 7E	718	306	412	181	123	30.86	12
TPRK5T 8 - 8E	745	333	412	181	123	31.20	12
TPRK5T 10-10E	826	387	439	208	134	41.26	12
TPRK5T 12-12E	880	441	439	208	134	41.94	12
TPRK5T 14-14E	964	495	469	208	134	47.23	12
TPRK5T 16-16E	1018	549	469	208	134	47.92	12
TPRK5T 18-18E	1156	603	553	244	162	69.78	-
TPRK5T 19-19E	1183	630	553	244	162	70.12	-
TPRK5T 20-20E	1210	657	553	244	162	70.46	-
TPRK5T 22-22E	1264	711	553	244	162	71.15	-
TPRK5T 24-24E	1318	765	553	244	162	80.43	-

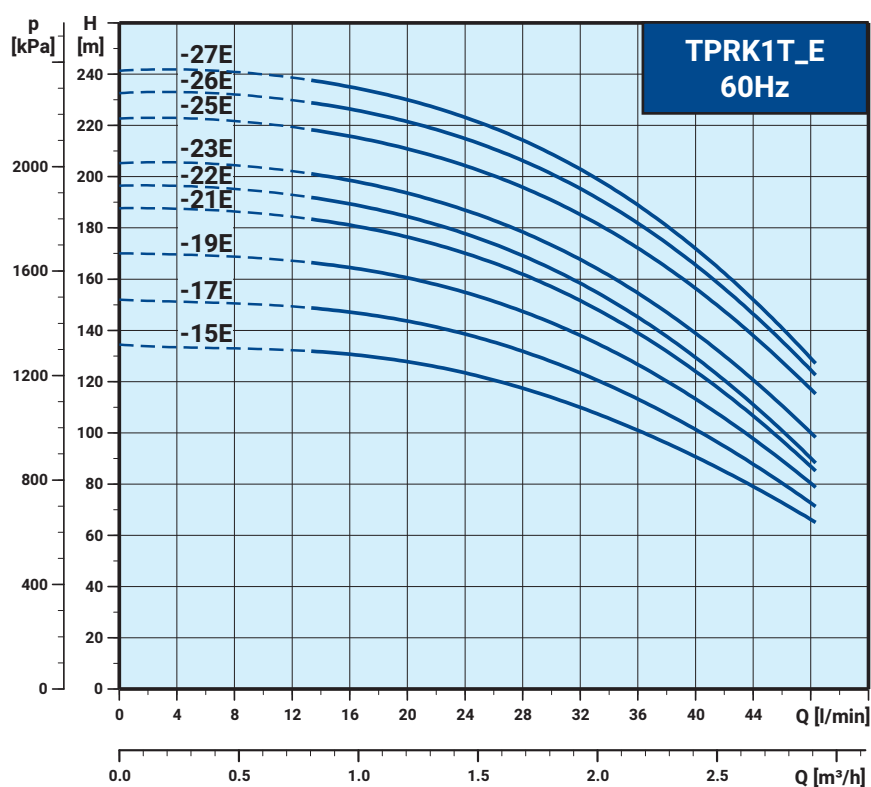
Performance Curve, 50Hz



Electrical Data

Model	PH Ø	Voltage code	Cycle Hz	Volts V	Output kW	Ampere A
TPRK1T25-25E	3	9V	50	200-230/342-380	1.5	6.3-6.1/3.6-3.5
TPRK1T26-26E	3	9V	50	200-230/342-380	1.5	6.3-6.1/3.6-3.5
TPRK1T27-27E	3	9V	50	200-230/342-380	1.5	6.3-6.1/3.6-3.5
TPRK1T30-30E	3	9V	50	200-230/342-380	1.5	6.3-6.1/3.6-3.5
TPRK1T33-33E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6
TPRK1T36-36E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6

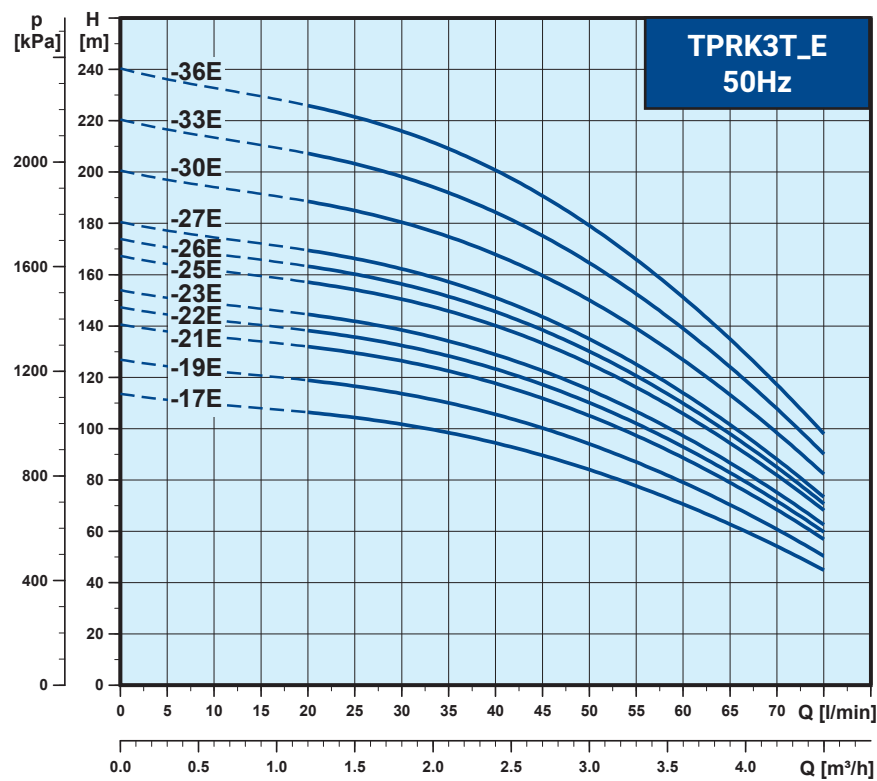
Performance Curve, 60Hz



Electrical Data

Model	PH Ø	Voltage code	Cycle Hz	Volts V	Output kW	Ampere A
TPRK1T15-15E	3	9V	60	220-240/380-440	1.5	5.8-5.5/3.4-3.1
TPRK1T17-17E	3	9V	60	220-240/380-440	1.5	5.8-5.5/3.4-3.1
TPRK1T19-19E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK1T21-21E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK1T22-22E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK1T23-23E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK1T25-25E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK1T26-26E	3	9U	60	220-255/380-440	3.0	11.1-10.1/6.4-5.9
TPRK1T27-27E	3	9U	60	220-255/380-440	3.0	11.1-10.1/6.4-5.9

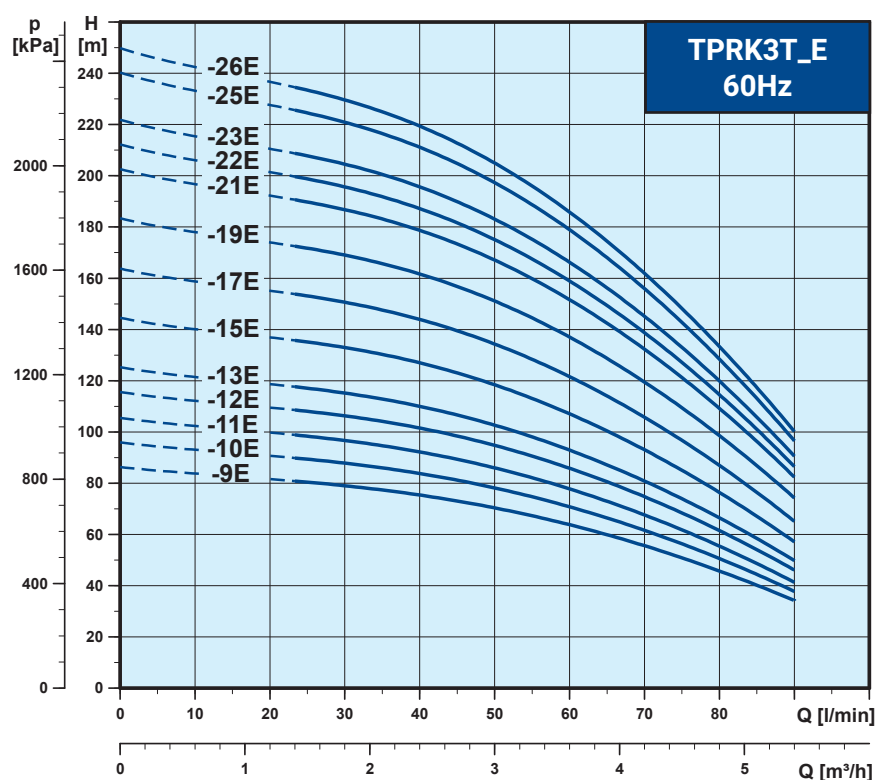
Performance Curve, 50Hz



Electrical Data

Model	PH Ø	Voltage code	Cycle Hz	Volts V	Output kW	Ampere A
TPRK3T17-17E	3	9V	50	200-230/342-380	1.5	6.3-6.1/3.6-3.5
TPRK3T19-19E	3	9V	50	200-230/342-380	1.5	6.3-6.1/3.6-3.5
TPRK3T21-21E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6
TPRK3T22-22E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6
TPRK3T23-23E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6
TPRK3T25-25E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6
TPRK3T26-26E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6
TPRK3T27-27E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6
TPRK3T30-30E	3	9U	50	220-240/380-415	3.0	11.4-11.1/6.6-6.5
TPRK3T33-33E	3	9U	50	220-240/380-415	3.0	11.4-11.1/6.6-6.5
TPRK3T36-36E	3	9U	50	220-240/380-415	3.0	11.4-11.1/6.6-6.5

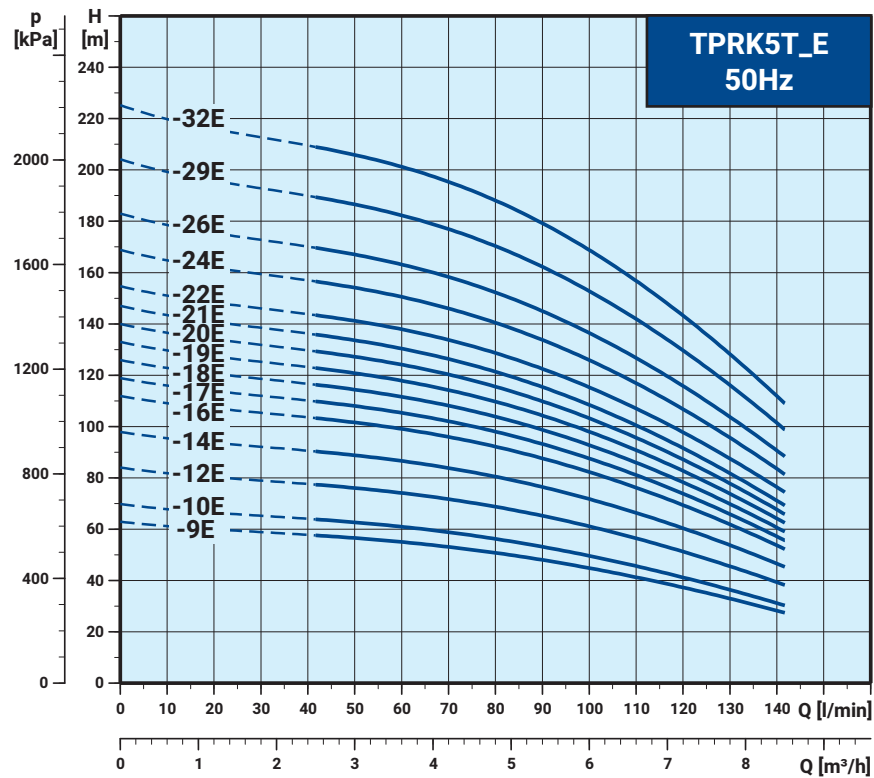
Performance Curve, 60Hz



Electrical Data

Model	PH Ø	Voltage code	Cycle Hz	Volts V	Output kW	Ampere A
TPRK3T 9 - 9E	3	9V	60	220-240/380-440	1.5	5.8-5.5/3.4-3.1
TPRK3T10-10E	3	9V	60	220-240/380-440	1.5	5.8-5.5/3.4-3.1
TPRK3T11-11E	3	9V	60	220-240/380-440	1.5	5.8-5.5/3.4-3.1
TPRK3T12-12E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK3T13-13E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK3T15-15E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK3T17-17E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK3T19-19E	3	9U	60	220-255/380-440	3.0	11.1-10.1/6.4-5.9
TPRK3T21-21E	3	9U	60	220-255/380-440	3.0	11.1-10.1/6.4-5.9
TPRK3T22-22E	3	9U	60	220-255/380-440	3.0	11.1-10.1/6.4-5.9
TPRK3T23-23E	3	9U	60	220-255/380-440	3.0	11.1-10.1/6.4-5.9
TPRK3T25-25E	3	9U	60	220-255/380-440	4.0	14.4-12.8/8.3-7.4
TPRK3T26-26E	3	9U	60	220-255/380-440	4.0	14.4-12.8/8.3-7.4

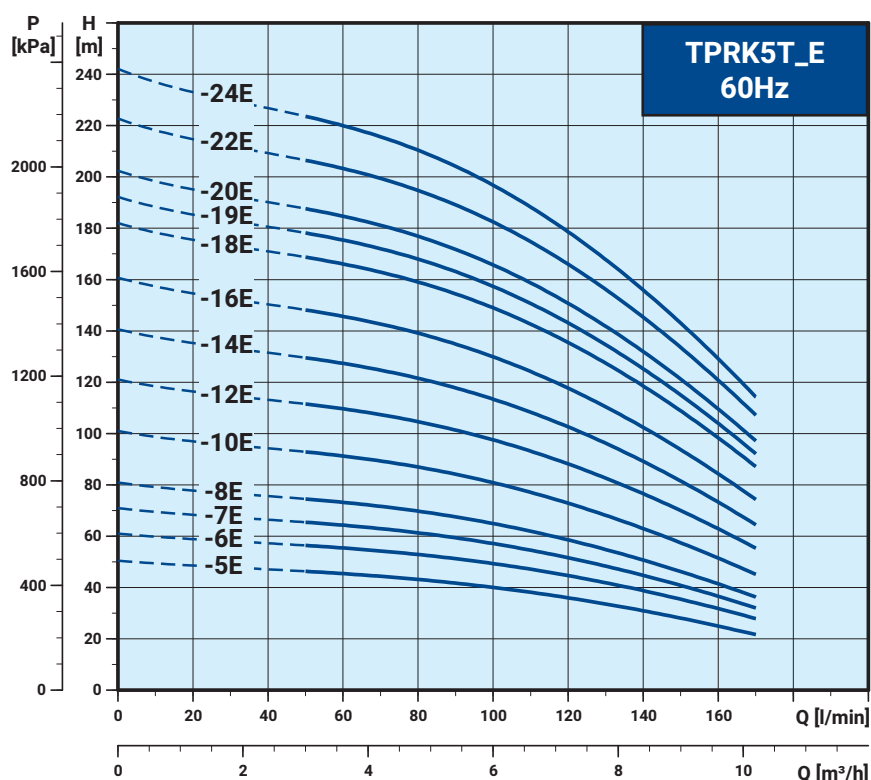
Performance Curve, 50Hz



Electrical Data

Model	PH Ø	Voltage code	Cycle Hz	Volts V	Output kW	Ampere A
TPRK5T 9 - 9E	3	9V	50	200-230/342-380	1.5	6.3-6.1/3.6-3.5
TPRK5T10-10E	3	9V	50	200-230/342-380	1.5	6.3-6.1/3.6-3.5
TPRK5T12-12E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6
TPRK5T14-14E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6
TPRK5T16-16E	3	9V	50	200-230/342-380	2.2	9.5-10.5/5.5-5.6
TPRK5T17-17E	3	9U	50	220-240/380-415	3.0	11.4-11.1/6.6-6.5
TPRK5T18-18E	3	9U	50	220-240/380-415	3.0	11.4-11.1/6.6-6.5
TPRK5T19-19E	3	9U	50	220-240/380-415	3.0	11.4-11.1/6.6-6.5
TPRK5T20-20E	3	9U	50	220-240/380-415	3.0	11.4-11.1/6.6-6.5
TPRK5T21-21E	3	9U	50	220-240/380-415	3.0	11.4-11.1/6.6-6.5
TPRK5T22-22E	3	9U	50	220-240/380-415	4.0	14.4-13.9/8.3-8.0
TPRK5T24-24E	3	9U	50	220-240/380-415	4.0	14.4-13.9/8.3-8.0
TPRK5T26-26E	3	9U	50	220-240/380-415	4.0	14.4-13.9/8.3-8.0
TPRK5T29-29E	3	9U	50	220-240/380-415	4.0	14.4-13.9/8.3-8.0
TPRK5T32-32E	3	9U	50	220-240/380-415	5.5	19.6-19.9/11.3-11.4

Performance Curve, 60Hz



Electrical Data

Model	PH Ø	Voltage code	Cycle Hz	Volts V	Output kW	Ampere A
TPRK5T 5 - 5E	3	9V	60	220-240/380-440	1.5	5.8-5.5/3.4-3.1
TPRK5T 6 - 6E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK5T 7 - 7E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK5T 8 - 8E	3	9V	60	220-240/380-440	2.2	8.6-8.4/4.9-5.0
TPRK5T10-10E	3	9U	60	220-255/380-440	3.0	11.1-10.1/6.4-5.9
TPRK5T12-12E	3	9U	60	220-255/380-440	3.0	11.1-10.1/6.4-5.9
TPRK5T14-14E	3	9U	60	220-255/380-440	4.0	14.4-12.8/8.3-7.4
TPRK5T16-16E	3	9U	60	220-255/380-440	4.0	14.4-12.8/8.3-7.4
TPRK5T18-18E	3	9U	60	220-255/380-440	5.5	21.7-19.9/12.4-11.5
TPRK5T19-19E	3	9U	60	220-255/380-440	5.5	21.7-19.9/12.4-11.5
TPRK5T20-20E	3	9U	60	220-255/380-440	5.5	21.7-19.9/12.4-11.5
TPRK5T22-22E	3	9U	60	220-255/380-440	5.5	21.7-19.9/12.4-11.5
TPRK5T24-24E	3	9U	60	220-255/380-440	7.5	25.4-24.4/14.7-14.1

Memo



Memo

Memo





WALRUS
PUMP

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All specifications are subject to change without notice. TPRK_E-IE3-EN000a-202309

