WALRUS PUMP

TQ_B Series

Electronic Control Pump



Better Life
Through Innovation

TQ_B Series Electronic Control Pump

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

50 Hz

Power: 0.18 - 2.2 kW
Head: Up to 34 M
Flow: Up to 250 L/min
Outlet: 1" - 2"
Inlet: 1" - 2"

60 Hz

Power: 0.18 - 3.7 kW
Head: Up to 52 M
Flow: Up to 270 L/min
Outlet: 1" - 2"
Inlet: 1" - 2"



Product Features

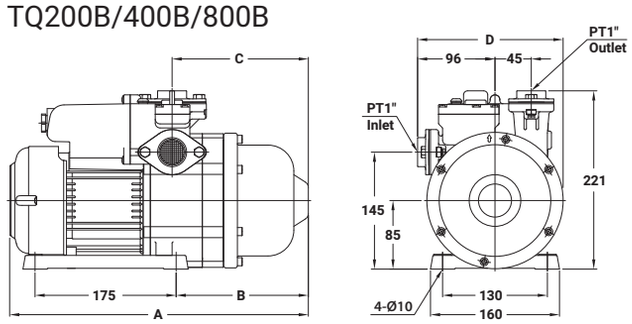
- The TQ_B is a complete, all-in-one unit, consisting of pump, motor, pressure tank, and electronic controller. The built-in electronic controller provides constant pressure which ensures that the pump starts automatically when water is consumed and operates continuously until water is not required.
- Compact design and quiet operation make the TQ_B series suitable for many applications.
- The TQ_B is constructed from the top quality corrosion resistant materials.
- Pump has built in dry run and cycling protection.
- The motor has built-in thermal overload to protect against high operating temperatures and over current. (Single phase motor only)

Operating Conditions

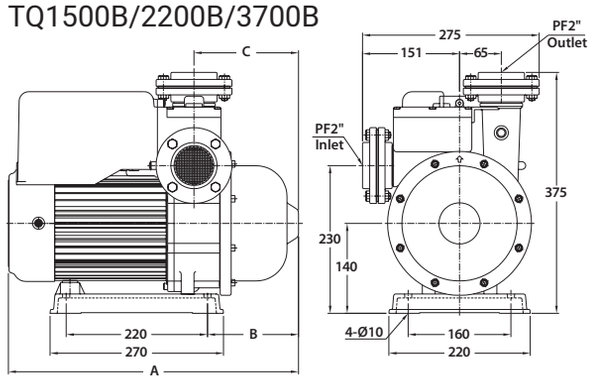
- Ambient Temperature: Max.+40°C
- Liquids Temperature: +4°C ~ +40°C
- System Pressure: Max. 8.5 kg/cm²
- Relative humidity: Max. 85% (RH)
- Under normal operation, it is not necessary to adjust the pressure unless the cut in pressure is higher than preset activation point (refer to specification).

Dimensions

TQ200B/400B/800B

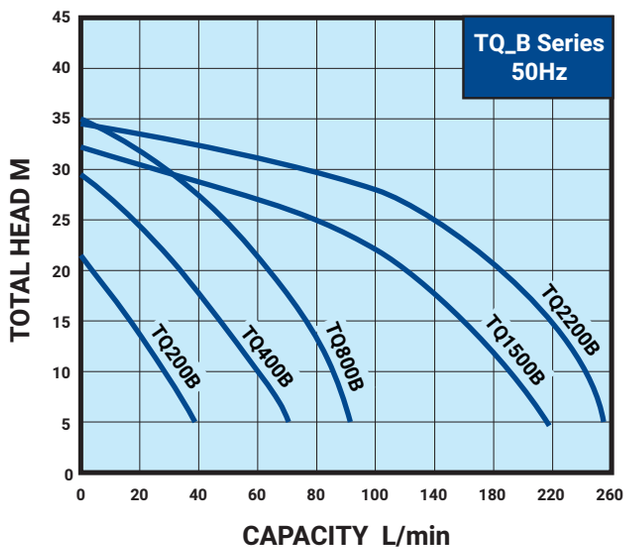


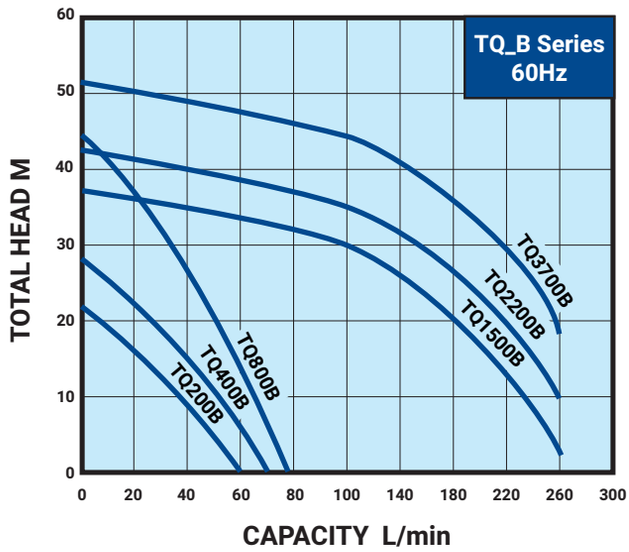
TQ1500B/2200B/3700B



Model	Cycle Hz	A mm	B mm	C mm	D mm
TQ200B	50	360	153	158	176
	60	336	129	134	176
TQ400B	50	371	164	169	181
	60	345	138	143	181
TQ800B	50/60	417	164	169	181
TQ1500B ~ 2200B	50/60	452	142	163	-
TQ3700B	60	452	142	163	-

Performance Curve







TQ_B Series 50Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	Preset activation point kg/cm²	H max. m	Q max. L/min	N.W. kg	G.W. kg	
TQ200B	0.18	50	1	200 - 240	1.5	1"	1"	1.2	22	45	7.2	7.8	36
TQ400B	0.37	50	1	200 - 240	3.0	1"	1"	1.8	30	75	8.7	9.3	36
TQ800B	0.75	50	1	200 - 240	4.4	1"	1"	2.0	35	95	10.9	11.5	36
TQ1500B	1.5	50	1 3 3	200 - 240 200 - 240 380 - 440	7.2 5.8 3.3	2"	2"	2.5	32	230	21.2	23.4	12
TQ2200B	2.2	50	1 3 3	200 - 240 200 - 240 380 - 440	11.1 7.2 4.1	2"	2"	2.5	34	250	22.2	24.4	12



TQ_B Series 60Hz

Model	Power kW	Cycle Hz	Phase Ø	Volt V	Amp's A	Inlet in.	Outlet in.	Preset activation point kg/cm²	H max. m	Q max. L/min	N.W. kg	G.W. kg	
TQ200B	0.18	60	1	110/220	4.0/2.0	1"	1"	1.4	22	60	6.8	7.5	36
TQ400B	0.37	60	1	110/220	6.0/3.0	1"	1"	1.8	28	70	8.2	8.9	36
TQ800B	0.75	60	1	110/220	11/5.5	1"	1"	2.5	44	75	11.2	11.8	36
TQ1500B	1.5	60	1 3 3	220 220 380	9.5 6.5 4.2	2"	2"	3.0	37	270	21.2	23.4	12
TQ2200B	2.2	60	3 3	220 380	9.5 5.2	2"	2"	3.0	42	270	22.2	24.4	12
TQ3700B	3.7	60	3 3	220 380	13.8 6.8	2"	2"	3.0	52	270	25.4	27.6	12

WALRUS PUMP

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All specifications are subject to change without notice. TQ_B-EN000b-202402