

Application

- ◆ Commercial/Industrial use.
- ◆ Drainage of sewage from the building basements, hotel. Industry waste water from factories.
- ◆ Pumping surface and draining water from the garages and sprinkler systems.
- ◆ Being equipped with multistage impellers.
- ◆ Big flow, high head.

Operating Conditions

- ◆ Submersible depth: 5m.
- ◆ Liquid temperature up to +40°C.
- ◆ Ambient temperature up to +40°C.
- ◆ Max. working pressure: 21bar.
- ◆ Passage of suspended solid up to 12.5mm.

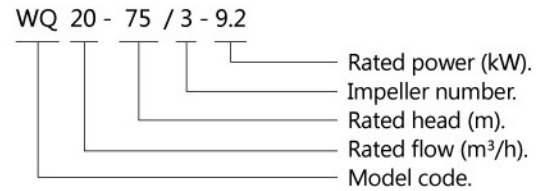
Motor

- ◆ 2-pole induction motor.
- ◆ Three-phase: 50Hz.
- ◆ Insulation: Class E.
- ◆ Protection: IP X8.

Material

- ◆ Pump body: Cast iron.
- ◆ Motor bracket: Cast iron.
- ◆ Impeller: Cast iron.
- ◆ Motor shaft: 40Cr.
- ◆ Mechanical seal: Silicon carbide -Graphite, Alloy-Silicon Carbide.
- ◆ Cooper winding.

Model Definition

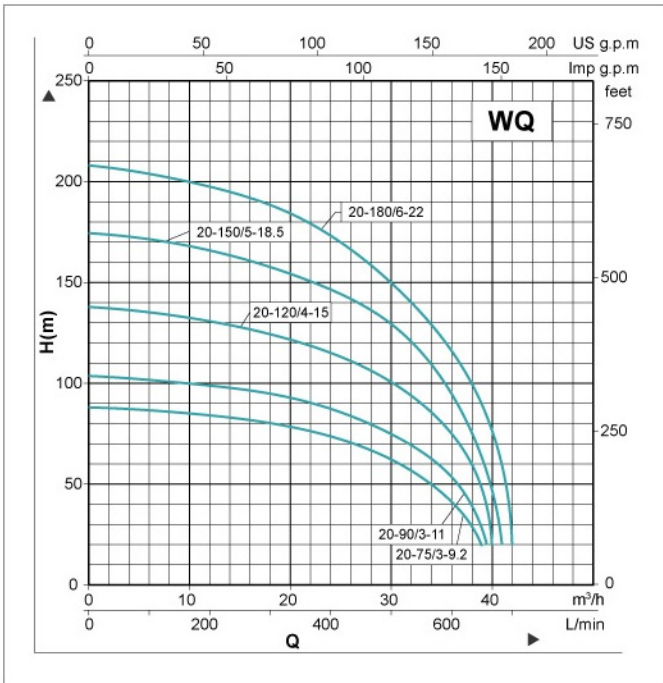


WQ

RPM: n=2850 r/min(50Hz)

Model	Power		Outlet (Inch)	Max. Flow (m ³ /h)	Max. Head (m)	The max. flow particle (mm)	Dim. (mm)	Weight (kg)		20' (Loading Qty) (pcs)
	kW	HP						G.W.	N.W.	
WQ20-75/3-9.2	9.2	12.5	2	39	87	10	1110×436×498	185	175	200
WQ20-90/3-11	11	15	2	40	105	10	1110×436×498	200	190	200
WQ20-120/4-15	15	20	2	40	138	10	1250×436×498	231	220	180
WQ20-150/5-18.5	18.5	25	2	41	175	10	1370×436×498	262	250	163
WQ20-180/6-22	22	30	2	42	210	10	1500×436×498	293	280	148

Hydraulic Performance Curve



Model	Dim.(mm)								
	L	L0	L1	H	H0	DN	D	K	n-d
WQ20-75/3-9.2				995					
WQ20-90/3-11				995					
WQ20-120/4-15	605	350	210	1125	115	50	125	165	8-Φ17.5
WQ20-150/5-18.5				1250					
WQ20-180/6-22				1375					

Installation and Size

