

QGDa

Function And Feature

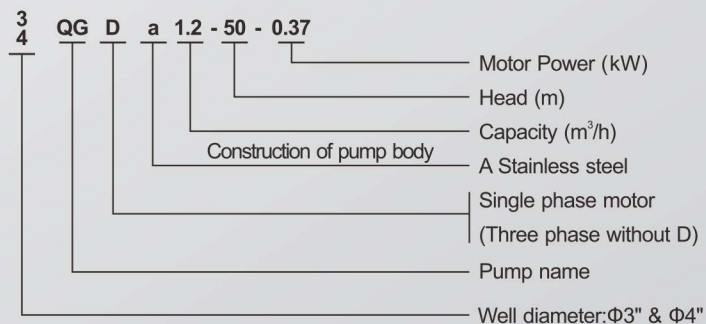
· QG series of sandproof small size submersible screw pump is mainly consisted of submersible motor, single screw pump and seal, single phase or three phase asynchronous motor is dry type or oil-filling type construction. The motor is positioned under the pump and submerged in water, so the heat dissipation effect is very good. The single screw pump is consisted of a single helix resilience rubber stator and creates a continuously forming cavity as it rotates. This cavity which carrying pumped liquid from inlet progresses towards the discharge end. The motor adopts "O" sealing ring and double end face mechanical seal. Function of seal is reliable and long working life.

Pump

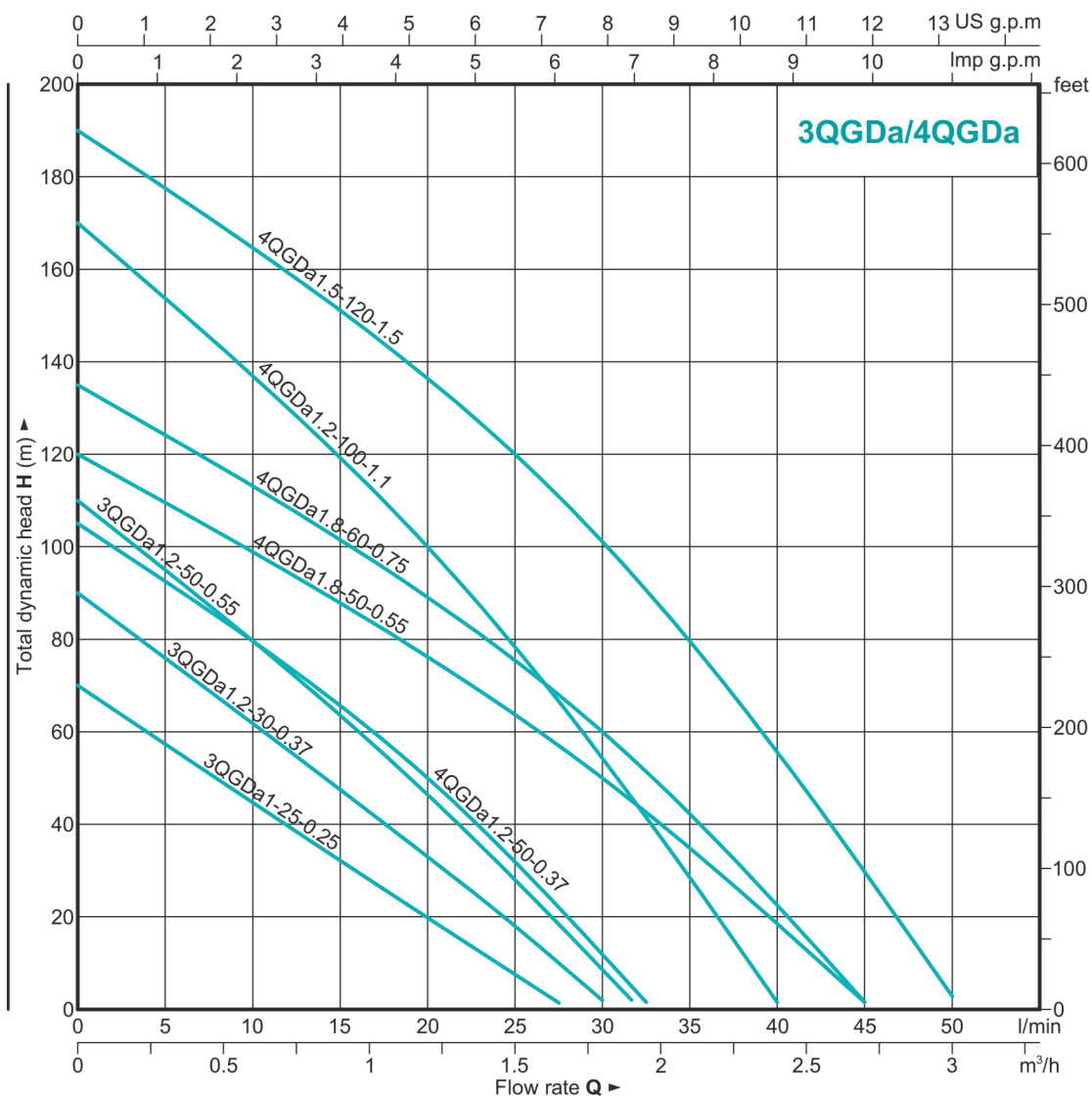
- Capacity from 1 to 2 (m³/h)
- Total head from 50 to 150 (m)

Motor

- Power: 0.25 to 1.5 kW
- Insulation class: B
- Protection grade: IP 68
- Minimum well diameter: Φ3" & Φ4"
- Highest temperature of liquid: 40°C



3QGDa/4QGDa



PERFORMANCE DATA 50Hz

rpm≈2850 1/min

MODEL	P ₂		Max.Flow		Max.Head	Voltage	Max.Dia	Outlet	Length
	kW	HP	l/min	m³/h	(m)	(V)	(mm)	(Inch)	(mm)
3QGDa1.2-50-0.25	0.25	0.33	28	1.7	70	220	75	1	580
3QGDa1.8-50-0.37	0.37	0.5	30	1.8	90			1	610
3QGDa1.8-60-0.55	0.55	0.75	32	1.9	110			1	650
4QGDa1.2-50-0.37	0.37	0.5	32	1.9	105		96	1	562
4QGDa1.8-50-0.55	0.55	0.75	45	2.7	120			1	591
4QGDa1.8-60-0.75	0.75	1	45	2.7	135			1	606
4QGDa1.2-100-1.1	1.1	1.5	40	2.4	170			1	656
4QGDa1.5-120-1.5	1.5	2	50	3	190			1	686