



SCREW SUBMERSIBLE PUMPS

STRUCTURAL CHARACTERISTICS

- Pump body: AISI 304 stainless steel
- Motor Housing: AISI 304 stainless steel
- Mechanical seal: Ceramic and Graphite
- Shaft: AISI 420 stainless steel
- Bearing: SKF/NTN/NSK/China
- Insulation class: F
- Protection class: IP68

OPERATING LIMITS

- Maximum fluid temperature: 30°C
- Maximum sand content: 20 g/m³
- Starts: max. 20/h

QG SCREW SUBMERSIBLE PUMPS

PUMPS INSTALLATION AND APPLICATIONS

QG type submersible screw pump is mainly composed by three parts: pump mechanical seals and motor. Pump is at the upper part of motor pump, which consists by stator and rotor. Motor is at the lower part of motor pump and is a single-phase or three-phase asynchronous motor. Mechanical seals is between pump and motor and it is a kind of double end mechanical seal "O" rings are oil install static joints of the submersible pump. Inner-installed protector prevents the pump from damages due to abnormal power, clog and overload etc.

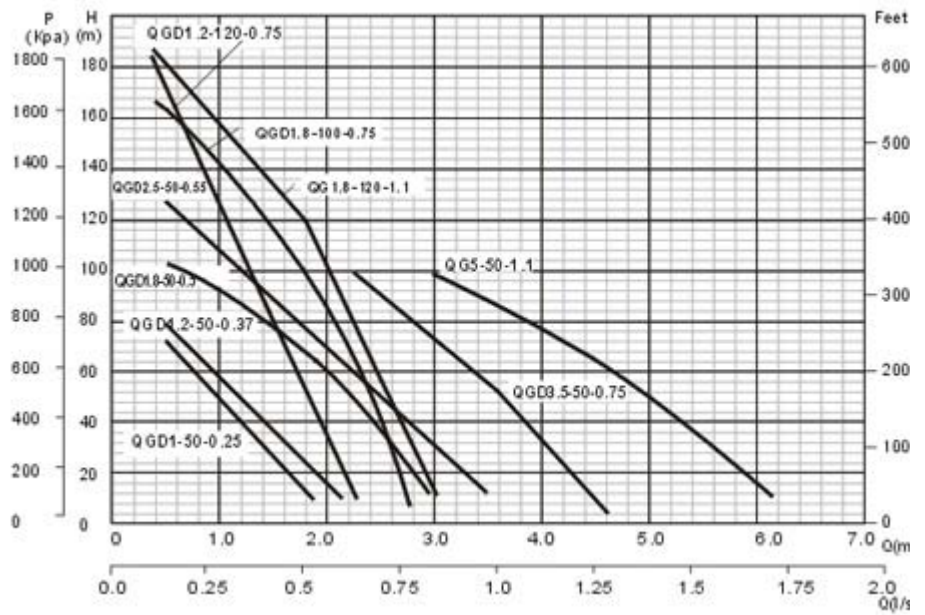
SPECIAL FEATURES ON REQUEST:

- AISI 304 stainless steel discharged head and motor bracket for brass
- version
- for water with sand content above 150g/m³
- 60 Hz frequency



MODEL SKY





Performance Table(n=2900r/min)

Model	Power		Volt. V	Flow m ³ /h	Head m	Pipe dia. inch	Package Dimensions & GW			
	HP	kW					L	W	H	Kg
QGD1-50-0.25	0.35	0.25	220	1	50	1"	510	140	165	12.5
QGD1.2-50-0.37	0.5	0.37		1.2	50	1"	510	140	165	14
QGD1.8-50-0.5	0.7	0.5		1.8	50	1"	510	140	165	14.5
QGD2.5-50-0.55	0.75	0.55		2.5	50	1.25"	565	140	165	25
QGD1.2-120-0.75	1.0	0.75		1.2	120	1"	715	140	165	27
QGD1.8-100-0.75	1.0	0.75	220/380	1.8	100	1"	620	150	190	28
QGD3.5-50-0.75	1.0	0.75		3.5	50	1.25"	620	150	190	28
QG1.8-120-1.1	1.5	1.1	380	1.8	120	1"	620	150	190	32
QG5-50-1.1	1.5	1.1		5	50	1.25"	620	150	190	31