

SQGD Series

Submersible Screw Pump

Technical Data

Maximum fluid temperature up to +40°C
 Maximum sand content: 3%
 Maximum immersion: 50m
 3SQGD minimum well diameter: 3"
 4SQGD minimum well diameter: 4"

Motor and pump

Rewindable motor
 Single-phase: 220V-240V/50Hz
 Three-phase: 380V-415V/50Hz
 Single phase motor with built-in capacitor
 Curve tolerance according to ISO 9906

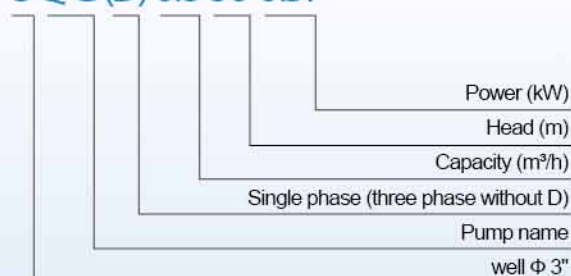
Options on request

Special mechanical seal
 Other voltages or frequency 60Hz



Components	Material
Delivery casing	AISI 304SS
Strainer	AISI 304SS
Motor external casing	AISI 304SS
Top chock	Cast-iron ASTM NO.30
Bottom support	AISI 304SS
Mechanical seal	Graphite-Ceramic
Shaft	AISI 304SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

3QG(D) 0.8-50-0.37



Performance Data 50Hz

Model		P ₂		Q		Delivery								n≈2850 1/min	
1~	3~	kW	HP	m³/h	l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
220V/240V	380V/415V					0	5	10	15	20	25	30	35	40	45
3SQGD1-80-0.37	3SQG1-80-0.37	0.37	0.5	84	73	96	52	51	-	-	-	-	-	-	-
3SQGD1-100-0.55	3SQG1-100-0.55	0.55	0.75	101	89	78	60	49	-	-	-	-	-	-	-
4SQGD1.2-50-0.37	4SQG1.2-50-0.37	0.37	0.5	H	95	83	72	60	48	37	25	-	-	-	-
4SQGD1.8-50-0.5	4SQG1.8-50-0.5	0.5	0.7	(m)	107	97	86	76	55	44	34	23	13	-	-
4SQGD1.2-100-0.75	4SQG1.2-100-0.75	0.75	1	170	154	138	122	107	91	75	59	-	-	-	-
4SQGD1.5-120-1.1	4SQG1.5-120-1.1	1.1	1.5	190	175	160	146	131	116	101	87	72	57	-	-