

PERFORMANCE DATA 50Hz

MODEL	P ₂		Q ^{m³/h} l/min	DELIVERY								n ≈ 2850 r/min
	kw	HP		0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	
1~ 220V/240V				0	30	60	90	120	150	180	210	240
QXND6/2	0.75	1.0	H(m)	24	23	22	20	18	16	13	10	6
QXND6/3	1.1	1.5		36	35	33	30	27	24	19	14	8
QXND6/4	1.5	2.0		48	46	43	39	35	29	23	16	9
QXND6/5	1.8	2.5		60	58	54	49	45	38	28	18	9
QXND6/6	2.2	3.0		72	70	66	59	52	45	35	22	10

MULTISTAGE DEEP-WELL SUBMERSIBLE PUMP



Applications

For water supply from wells or reservoirs.

For domestic use for civil and industrial applications.

Operating conditions

Maximum fluid temperature up to +35 °C

Maximum sand content:0.25%.

Maximum immersion:30m.

Minimum well diameter: ϕ 7"

Motor and pump

Rewindable motor or Full obturated screen motor.

Three-phase:380V-415V/50Hz

Single-phase:220V-240V/50Hz

Equip with start control box or digital auto-control box

Pumps are designed by casing stressed

NEMA dimension standards

Curve tolerance according to ISO 9906

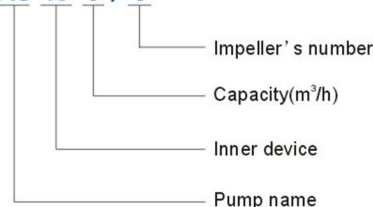
Options on request

Special mechanical seal

the voltage frequency 60Hz

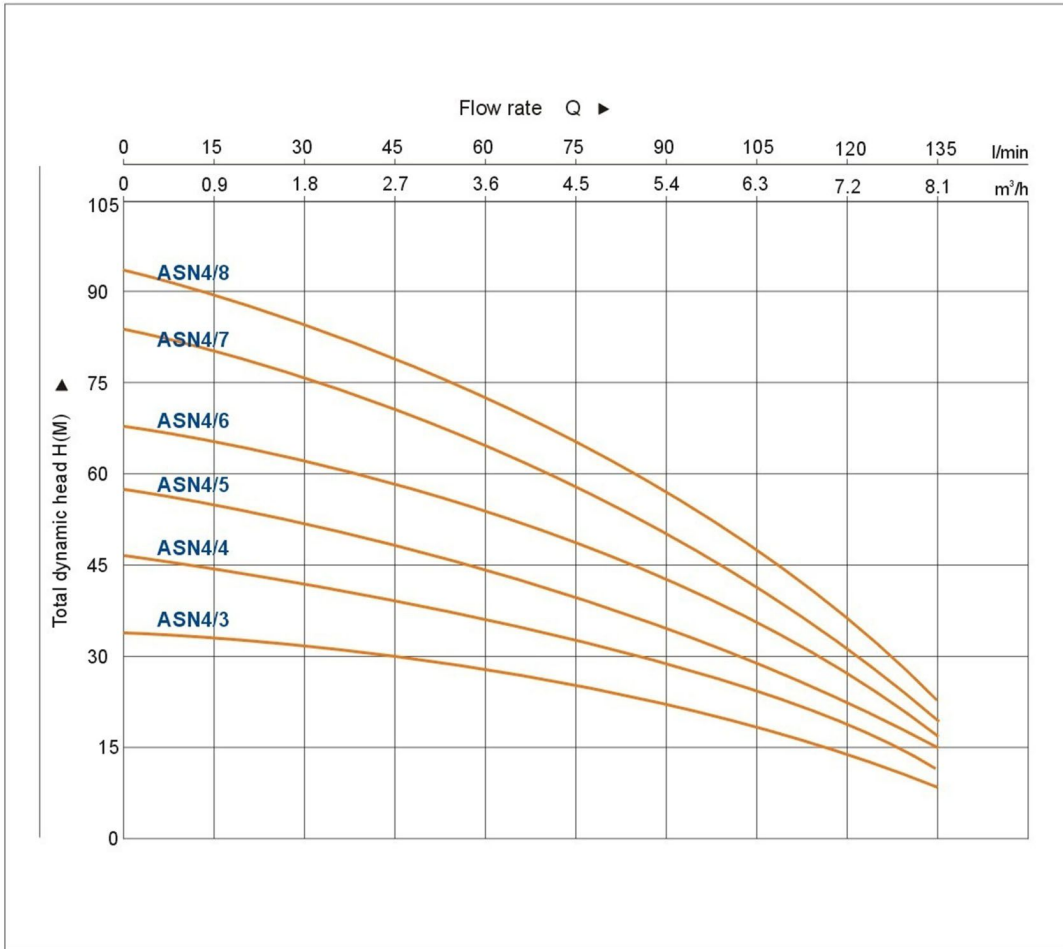
Single phase motor with built-in capacitor

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Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic:PC
Impeller	Plastic:POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS
Top cover	① Cast-Cu ASTM C85500 ② Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045/5410
Bearing	NSK/C&U
Seal lubricant oil	Oil for food machinery and pharmaceutic use

	MODEL	P ₂		D N	DIMENSIONS(mm)		WEIGHT(kg)
	1~ 220V/240V	kw	HP		B	H	
	QXND 6/2	0.75	1.0	2"	160	492	18
	QXND 6/3	1.1	1.5	2"	160	554	20
	QXND 6/4	1.5	2.0	2"	160	592	22
	QXND 6/5	1.8	2.5	2"	160	631	25
	QXND 6/6	2.2	3.0	2"	160	676	26



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MODEL	P ₂		DELIVERY										
			n ≈ 2850 r/min										
1~ 220V/240V	kw	HP	Q m³/h l/min	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1
				0	15	30	45	60	75	90	105	120	135
QXND4/3	0.75	1.0	H(m)	34	33	32	30	28	25	22	18	14	10
QXND4/4	0.90	1.2		46	44	42	40	36	32	28	24	19	14
QXND4/5	1.10	1.5		57	55	52	50	46	42	38	32	27	22
QXND4/6	1.50	2.0		69	66	63	61	56	50	44	37	28	23
QXND4/7	1.80	2.5		82	78	75	70	66	60	53	46	32	24
QXND4/8	2.20	3.0		93	89	86	80	73	66	57	47	36	25

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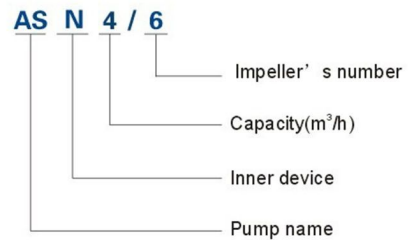
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Single phase motor with built-in capacitor



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Shaft coupling	① AISI 316 SS ② AISI 304 SS
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Seal lubricant oil	Oil for food machinery and pharmaceutic use

	MODEL	P ₂		D N	DIMENSIONS(mm)		WEIGHT(kg)
	1~ 220V/240V	kw	HP		B	H	
	QXND4/3	0.75	1.0	1 1/4"	160	511	18.5
	QXND4/4	0.90	1.2	1 1/4"	160	546	20.0
	QXND4/5	1.1	1.5	1 1/4"	160	590	22.5
	QXND4/6	1.5	2.0	1 1/4"	160	627	24.0
	QXND4/7	1.8	2.5	1 1/4"	160	660	26.0
	QXND4/8	2.2	3.0	1 1/4"	160	693	28.0