



TECHNICAL DATASHEET

QXN – Submersible Drainage Pump

Robust submersible drainage pump for domestic and industrial wastewater.



QXN built-in type submersible electric pump. QXN series impeller in cast iron. Hydraulic part under the motor cooled by water. Double shaft seal with interposed oil chamber. Good cooling effect on the motor and bearings. Upper part of the electric pump can work out of the water. Shaft of the electric pump with hard chrome plating. Convenient maintenance and disassembly.

APPLICATIONS

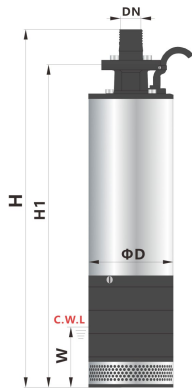
- Drainage of domestic and industrial wastewater.

TECHNICAL DATA

TECHNICAL SPECIFICATIONS

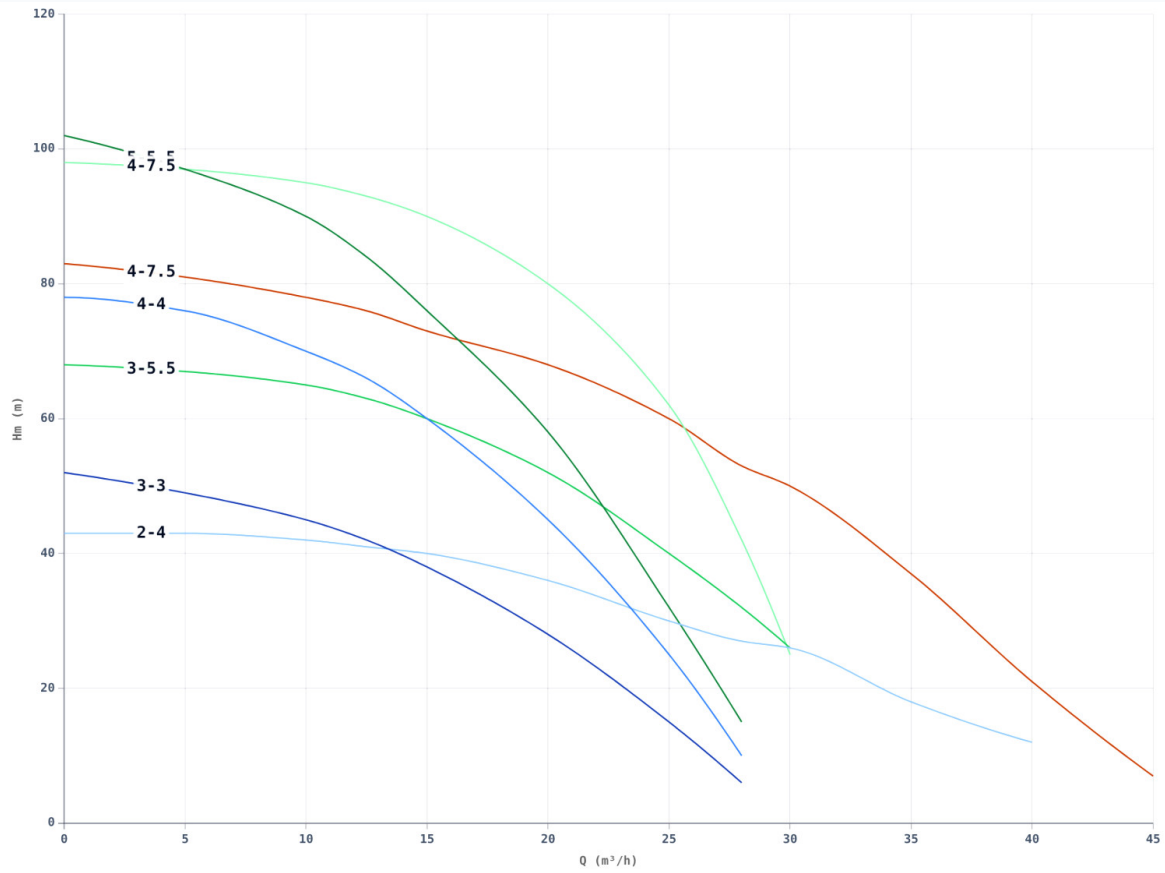
Max Temperature	40 °C
Maximum solid passage	6-10 mm
Maximum immersion depth	20 m
Electric cable length	15 m
Impeller	Cast iron
Cooling	Cooled by pumped liquid
Seal	Double mechanical seal in silicon carbide

DIMENSIONS



Model	DN (mm)	kW	HP	Amp (380V)	\varnothing (mm)	W (mm)	D (mm)	H1 (mm)	H (mm)	Weight (kg)
QXN10/3-3	50,0	3,0	4,0	7,2	6,0	80,0	196,0	630,0	715,0	62,0
QXN10/4-4	50,0	4,0	5,5	8,8	6,0	80,0	196,0	705,0	760,0	71,0
QXN25/2-4	65,0	4,0	5,5	8,8	6,0	80,0	196,0	600,0	715,0	64,0
QXN10/5-5.5	50,0	5,5	7,5	11,7	6,0	80,0	196,0	705,0	760,0	71,0
QXN15/3-5.5	50,0	5,5	7,5	11,7	6,0	80,0	196,0	680,0	795,0	75,0
QXN20/4-7.5	50,0	7,5	10,0	15,7	6,0	80,0	196,0	825,0	940,0	92,0
QXN25/4-7.5	65,0	7,5	10,0	15,7	6,0	80,0	196,0	825,0	940,0	92,0

PERFORMANCE CURVE (Q - HM)



Curvas de caudal (Q) vs. altura manométrica (Hm)

Model	kW	HP	Amperage	m³/h	0	5	10	12.5	15	20	25	28	30	35	40	45	50	60	70	80	90
					Hm (m)																
QXN10/3-3	3,00	4,00	7,20		52,0	49,0	45,0	42,0	38,0	28,0	15,0	6,0									
QXN10/4-4	4,00	5,50	8,80		78,0	76,0	70,0	66,0	60,0	45,0	25,0	10,0									
QXN25/2-4	4,00	5,50	8,80		43,0	43,0	42,0	41,0	40,0	36,0	30,0	27,0	26,0	18,0	12,0						
QXN10/5-5.5	5,50	7,50	11,70		102,0	97,0	90,0	84,0	76,0	58,0	32,0	15,0									
QXN15/3-5.5	5,50	7,50	11,70		68,0	67,0	65,0	63,0	60,0	52,0	40,0	32,0	26,0								
QXN20/4-7.5	7,50	10,00	15,70		98,0	97,0	95,0	93,0	90,0	80,0	62,0	42,0	25,0								
QXN25/4-7.5	7,50	10,00	15,70		83,0	81,0	78,0	76,0	73,0	68,0	60,0	53,0	50,0	37,0	21,0	7,0					