

# QDX >>>

## QDX SUBMERSIBLE PUMP SERIES

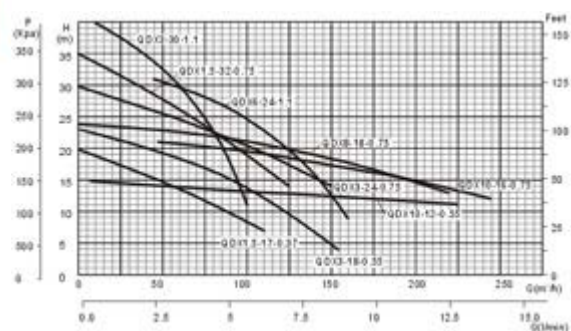


### WORKING PRINCIPLE

The pumps are fitted with an open or closed impeller, which is mounted on the end of the drive shaft and enclosed by a large circular chamber and a baseplate with machined insert. The suction opening in the baseplate is directly in contact with the fluid to be pumped. The rotation impeller transmits kinetic energy to the fluid which is centrifuged in the ring chamber, where part of the kinetic energy is transformed into pressure energy. The particular design of the impeller optimizes hydraulic efficiency, while allowing the pump to handle muddy fluids containing solids in suspension and short fibres without danger of clogging.

### MATERIAL AND WORKING LIMITS

- Pump body: Cast iron/Aluminium
- Motor body: Cast iron/Aluminium
- Impeller: Cast iron/Aluminium
- Mechanical seal: Stainless steel/Carbon-ceramic
- Shaft: 45#steel or stainless steel
- Bearing: SKF/NTN/NSK/China
- Insulation class: B/F
- Protection class: IP68



## Performance Table

Model	Power		Flow	Head	Speed	Pipe dia.	Package Dimensions & Gw			
	HP	kW	m <sup>3</sup> /h	m	r.p.m	inch	L	W	H	Kg
QDX1.5-17-0.37	0.55	0.37	1.5	17	2900	1"	390	195	165	7
QDX3-18-0.55	0.75	0.55	3	18		1.2"	395	270	240	9.5
QDX10-12-0.55	0.75	0.55	10	12		1.5"	395	270	240	10
QDX15-10-0.55	0.75	0.55	15	10		2"	395	270	240	10
QDX1.5-32-0.75	1	0.75	1.5	32		1"	420	240	220	13.5
QDX3-24-0.75	1	0.75	3	24		1.2"	420	240	220	13.5
QDX8-18-0.75	1	0.75	8	18		1.5"	405	200	220	11.5
QDX10-16-0.75	1	0.75	10	16		2"	405	200	220	11.5
QDX15-10-0.75	1	0.75	15	10		2.5"	405	200	220	12
QDX3-30-1.1	1.5	1.1	3	30		1.2"	530	260	270	28
QDX6-24-1.1	1.5	1.1	6	24		2"	530	260	270	28