SUBMERSIBLE PUMPS “QDX-FA-3”



TECHNICAL FEATURES

- Suitable for clean water free of abrasive particles.
- Reliable and easy to use: suitable for domestic use, gardening, irrigation and emptying tanks.





MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP68
- Continuous service S1
- Thermal protector
- Single-phase 220 V / 50 Hz (60 Hz on request)

WORKING CONDITION

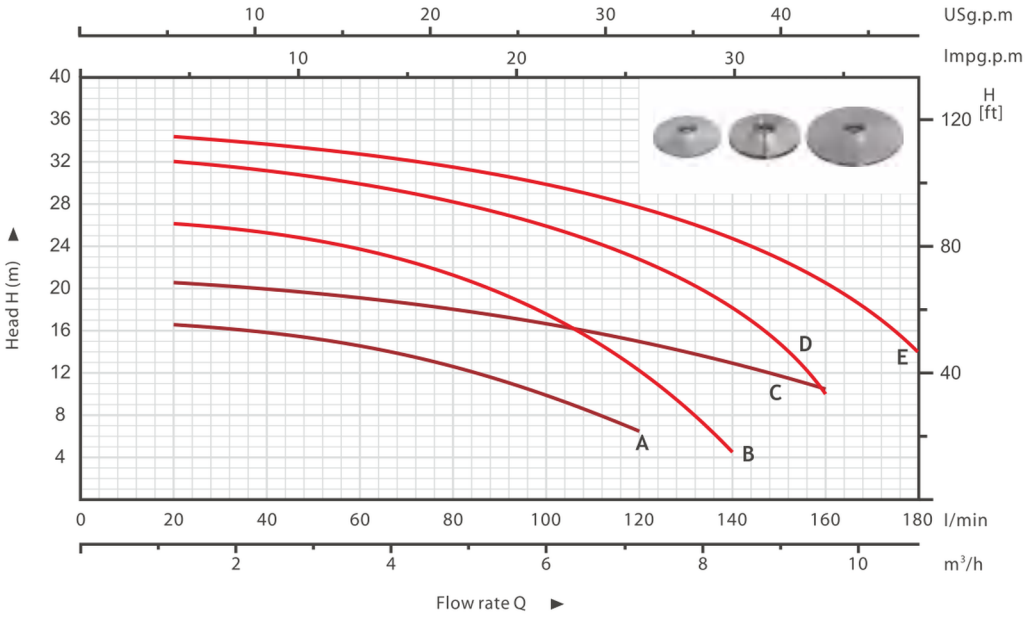
- Maximum immersion depth 5 m
- Liquid temperature up to 35 °C
- Ambient temperature up to 40 °C

SUBMERSIBLE PUMPS “QDX-FA-3”

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Motor housing	Aluminium
Impeller	Aluminium
Motor shaft	Carbon steel, AISI 304 SS on request
Mechanical seal	Ceramic / Graphite
Cable	8 m power cable with plug

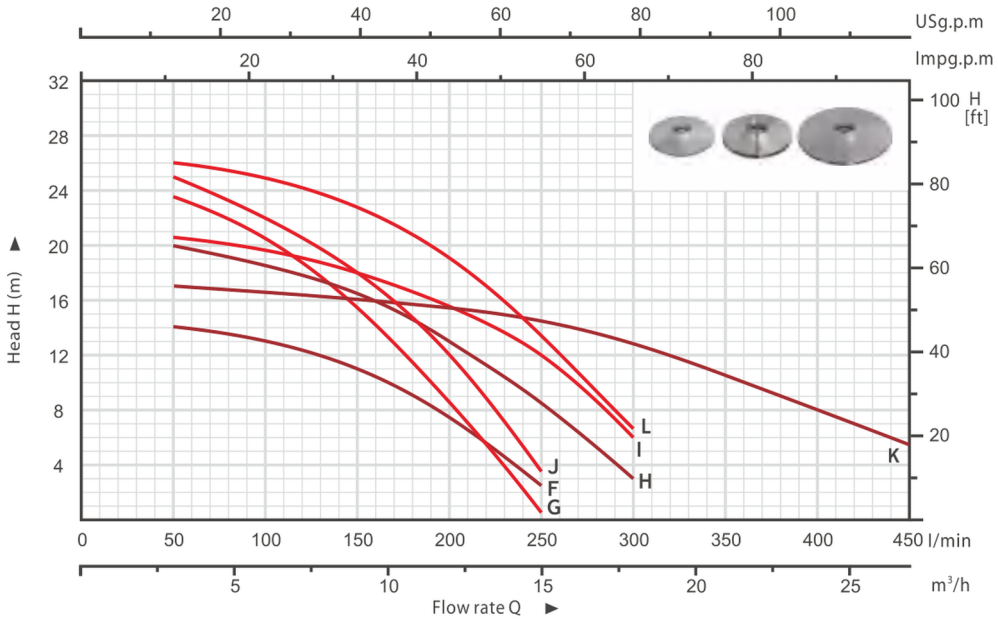
PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
				Q (l/min)	0	20	40	60	80	100	120	140	160	180
A	QDX1.5-16-0.37FA-3	0.37	0.5	H (m)	17	16.5	16	14.5	12.5	10	6.5			
B	QDX1.5-25-0.55FA-3	0.55	0.75	H (m)	26.5	25.5	24	23	21.5	17	12	4.5		
C	QDX3-20-0.55FA-3	0.55	0.75	H (m)	21	20.5	20	19	18	16.5	15	13	10.5	
D	QDX1.5-32-0.75FA-3	0.75	1	H (m)	32.5	32	31	30	28.5	25.5	22.5	18	10	
E	QDX1.5-38-1.1FA-3	1.1	1.5	H (m)	35	34.5	34	33	31.5	30	27.5	24	20	14

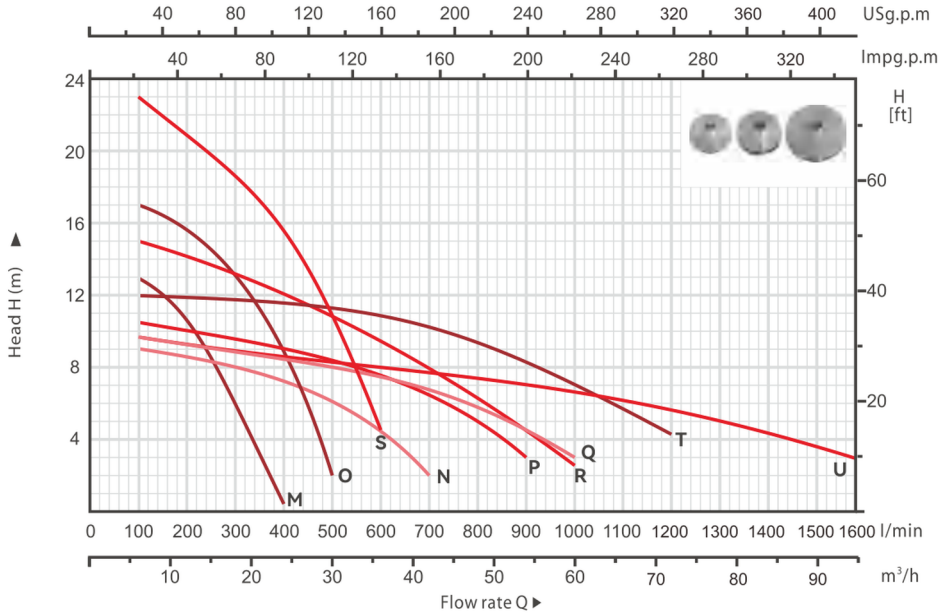
ATLAS MIDDLE EAST FZE | Sharjah Hamriyah Freezone – LV-15/C, Sharjah - UAE atlas-me.ae

SUBMERSIBLE PUMPS “QDX-FA-3”



NO.	MODEL	POWER kW	POWER HP	Q (m^3/h)	0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0
				Q (l/min)	0	50	100	150	200	250	300	350	400	450
F	QDX10-10-0.55FA-3	0.55	0.75	H (m)	15.5	14	13	11	7.5	2.5				
G	QDX6-26-0.75FA-3	0.75	1	H (m)	26	23.5	20.5	15.5	8.5	0.5				
H	QDX7-18-0.75FA-3	0.75	1	H (m)	21	20	18.5	16.5	13	8.5	3			
I	QDX10-16-0.75FA-3	0.75	1	H (m)	21	20.5	19.5	18	15.5	12	6			
J	QDX8-26-1.1FA-3	1.1	1.5	H (m)	27	25	22	18	11	3.5				
K	QDX10-18-1.1FA-3	1.1	1.5	H (m)	17.5	17	16.5	16	15.5	14.5	12.8	10.5	8	5.5
L	QDX10-26-1.5FA-3	1.5	2	H (m)	27	26	24.8	22.9	19.2	13.2	6.7			

SUBMERSIBLE PUMPS “QDX-FA-3”



NO.	MODEL	kW	HP	Q (m³/h)	0	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
				Q (l/min)	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600
M	QDX15-10-0.75FA-3	0.75	1	H (m)	14	13	11	6	0.5												
N	QDX30-6-0.75FA-3	0.75	1	H (m)	9.5	9	8.5	8	7	6	4.5	2									
O	QDX15-15-1.1FA-3	1.1	1.5	H (m)	17.5	17	16	13	8.5	2											
P	QDX40-7-1.1FA-3	1.1	1.5	H (m)	11	10.5	10	9.5	9	8.5	7.5	6.5	5	3							
Q	QDX50-6-1.5FA-3	1.5	2	H (m)	10.5	9.8	9.2	8.7	8.4	8	7.3	6.4	5.7	4.5	3						
R	QDX40-12-1.5FA-3	1.5	2	H (m)	15.5	15	14.1	13.2	12.4	11	9.5	8	6.3	4.7	2.5						
S	QDX20-23-2.2FA-3	2.2	3	H (m)	23.5	23	21.7	19.2	15.8	11.2	4.5										
T	QDX65-8-2.2FA-3	2.2	3	H (m)	12.3	12	11.9	11.7	11.6	11.4	10.9	10.3	9.5	8.4	7	5.7	4.2				
U	QDX100-4-2.2FA-3	2.2	3	H (m)	10.5	9.8	9	8.5	8.3	8	7.9	7.8	7.7	7.5	7	6.5	6	5.3	4.5	3.8	3

SUBMERSIBLE PUMPS “QDX-FA-3”

TECHNICAL DATA

NO.	MODEL	OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	QDX1.5-16-0.37FA-3	1"	9	190 × 150 × 390
B	QDX1.5-25-0.55FA-3	1"	12	210 × 160 × 415
C	QDX3-20-0.55FA-3	1"	9.1	415 × 178 × 230
D	QDX1.5-32-0.75FA-3	1"	13	225 × 180 × 430
E	QDX1.5-38-1.1FA-3	1"	16.6	310 × 230 × 490
M	QDX15-10-0.75FA-3	2½"	14.5	233 × 168 × 430
N	QDX30-6-0.75FA-3	3"	15	250 × 175 × 445
O	QDX15-15-1.1FA-3	2½"	15.5	285 × 195 × 470
P	QDX40-7-1.1FA-3	3"	15.5	305 × 230 × 485
Q	QDX50-6-1.5FA-3	4"	19.5	260 × 355 × 530
R	QDX40-12-1.5FA-3	3"	17.7	225 × 305 × 505
S	QDX20-23-2.2FA-3	2"	20.5	250 × 290 × 520
T	QDX65-8-2.2FA-3	4"	23.5	300 × 290 × 540
U	QDX100-4-2.2FA-3	6"	28.2	395 × 300 × 560

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
F	QDX10-10-0.55FA-3	1½"	11.7	255 × 195 × 425
G	QDX6-26-0.75FA-3	1½"	14	225 × 165 × 420
H	QDX7-18-0.75FA-3	1½"	13	225 × 165 × 415
I	QDX10-16-0.75FA-3	2"	14	235 × 165 × 425
J	QDX8-26-1.1FA-3	1½"	16.1	250 × 250 × 480
K	QDX10-18-1.1FA-3	2"	15	240 × 175 × 450
L	QDX10-26-1.5FA-3	2"	15.8	220 × 255 × 460

Performance values at n = 2850 rpm, 50 Hz. Specifications are subject to change without notice.