

Submersible pumps with entrained solids

Applications

Pumping of effluent.
Emptying of septic tanks and residential sumps.
Draining of flooded basements and garages.
Water display, fountains.



Materials

Pump body, shaft extension and motor casing in stainless steel AISI 304.
Mechanical seal in silicon carbide.
Upper lip seal in nitrile rubber.
Handle in nylon.

Impeller:

DMX 55 and **DVX 55** in fibre glass-reinforced nylon.

DMX 75, 110, 150 and **DVX 75, 110, 150** in stainless steel AISI 304.

Motor

Dry motor (class F insulation).
IP 68 protection.

Equipment

H07RN-F type neoprene power cord.
Pre-assembled float (version without float available on request).

Limitations

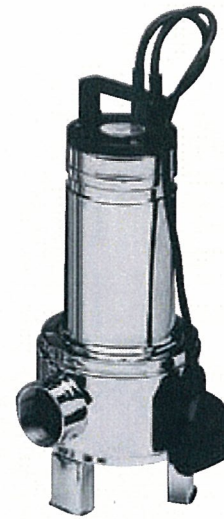
Continuous duty with 35°C liquids and fully submerged pump.
Maximum immersion depth: 5m.

DMX 55 and DVX 55

Handling of suspended solids up to 35mm in diameter.

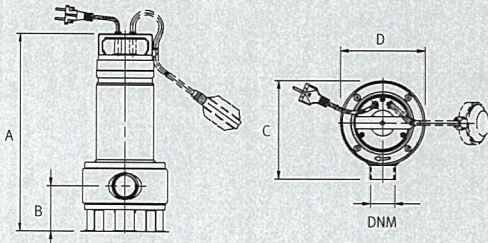
DMX 75, 110, 150 and DVX 75, 110, 150

Handling of suspended solids up to 50mm in diameter.

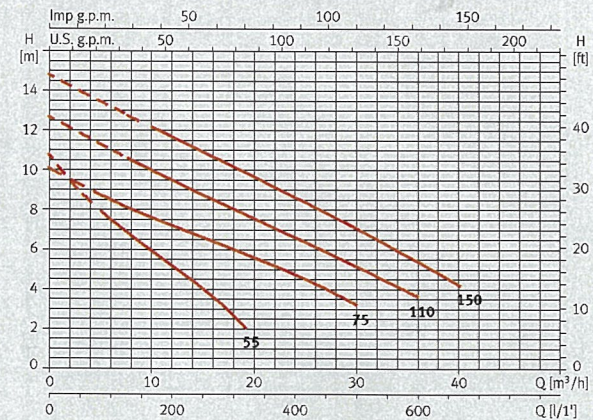


Dimensions and weights

Model	A	B	C	D	DNM	Kg
DMX 55 / DVX 55	391	88	193	165	Rp 1 1/2"	8.9
DMX 75 / DVX 75	468	111.5	198	165	Rp 1 1/2"	11.6
DMX 110 / DVX 110	468	111.5	198	165	Rp 1 1/2"	13.6
DMX 150 / DVX 150	468	111.5	198	165	Rp 1 1/2"	14.6



Performance curves at 2900 rpm



Hydraulic performance table and price

Model	I (A)			P1 (kW)		P2		µF	l/min	50	100	200	300	400	500	600	700	Price	Price
	1~230V	3~230V	3~400V	1~	3~	(kW)	(HP)			m³/h	3.0	6.0	12	18	24	30	36		
DMX 55	3.3	2.1	1.3	0.72	0.7	0.55	0.75	16	mwc	8.8	7.3	4.8	2					298.00	376.00
DMX 75	5.1	3.4	2	1.15	1.15	0.8	1.1	22	mwc	9.3	8.5	7.1	5.8	4.5	3			513.00	521.00
DMX 110	7.1	4.8	2.8	1.65	1.6	1.1	1.5	30	mwc	11.9	11	9.5	8	6.5	4.9	3.3		593.00	593.00
DMX 150	6.2	3.6		2	1.5	2			mwc	13.7	12.8	11.2	9.7	8.2	6.5	4.8	2.9		672.00

Model	I (A)			P1 (kW)		P2		µF	l/min	50	100	150	200	250	300	400	500	Price	Price
	1~230V	3~230V	3~400V	1~	3~	(kW)	(HP)			m³/h	3.0	6.0	9.0	12	15	18	24		
DVX 55	3.3	2.1	1.3	0.72	0.7	0.45	0.6	16	mwc	7.6	6.1	4.5	3					295.00	376.00
DVX 75	5.2	3.6	2.1	1.2	1.18	0.8	1.1	22	mwc	7.3	6.8	6.2	5.5	4.7	3.9	1.8		513.00	521.00
DVX 110	6.2	4.3	2.5	1.4	1.4	1.1	1.5	30	mwc	8.8	8.4	8	7.4	6.7	6	4		593.00	593.00
DVX 150	5.9	3.4		1.85	1.5	2			mwc	10.9	10.5	10	9.6	9	8.4	6.7	4.5		672.00