

Submersible pumps for dirty water

Applications

Emptying of residential sump pits, rainwater tanks or laundry drainage.
 Garden and lawn irrigation, with suction from rainwater tanks.
 Emergency draining of flooded basements and garages.
 Transfer of water from tanks, cisterns and swimming pools.

Limitations

Maximum liquid temperature: 40 °C with partially submerged pump.
 Maximum immersion depth: 5 m.



Motor

Class B insulation.
 Dry motor.

Materials

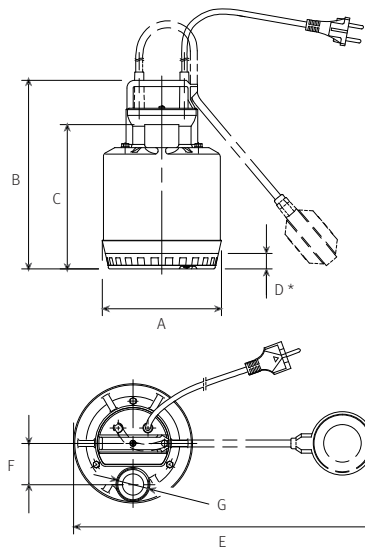
Pump body, suction strainer and head in Noryl.
 Impeller in technopolymer.
 External case, internal motor casing, lower cover, double wear ring and impeller fixing ring in AISI 304 stainless steel.
 Shaft in AISI 416 stainless steel.
 Elastomers in NBR.



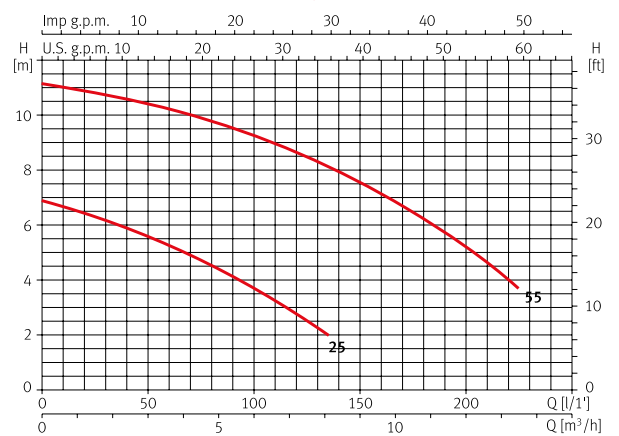
Dimensions and weights

Model	A	B	C	D*	E	F	G	kg
DOX 25	155	245	188	20	390	54	Rp 1 1/4"	4
DOX 55	155	285	228	20	390	54	Rp 1 1/4"	6

* Minimum liquid level



Performance curves at 2900 rpm



Hydraulic performance table

Model	I (A)			P1 (kW)		P2		μF	l/min	25	50	75	100	125	135	175	225
	1~ 220-240 V	220-240 V	3~ 380-415 V	1~	3~	(kW)	(HP)										
DOX 25	1,43			0,31		0,25	0,33	6,3	m³/h	1,5	3,0	4,5	6,0	7,5	8,1	10,5	13,5
DOX 55	3,47	2,82	1,63	0,78	0,79	0,55	0,75	16	mwc	6,3	5,6	4,7	3,7	2,5	2,0		
										10,8	10,4	9,9	9,3	8,5	8,1	6,5	3,7