

TJ100B

Series Self-Priming Pump

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 9 m
- Continuous duty



Application

JET-TJ100B series self-priming pumps are high efficient jet pumps with excellent suction even when there are air bubbles. The pump consists of a single impeller, centrifugal pump and a jet pipe with a nozzle. The series pumps are particularly suitable for water supplying in domestic installations, small-scale agriculture watering and wherever self-priming operation is demanded.

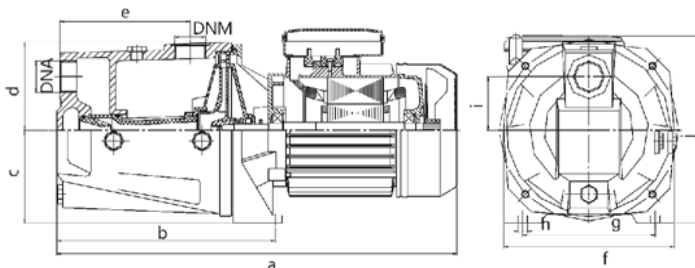
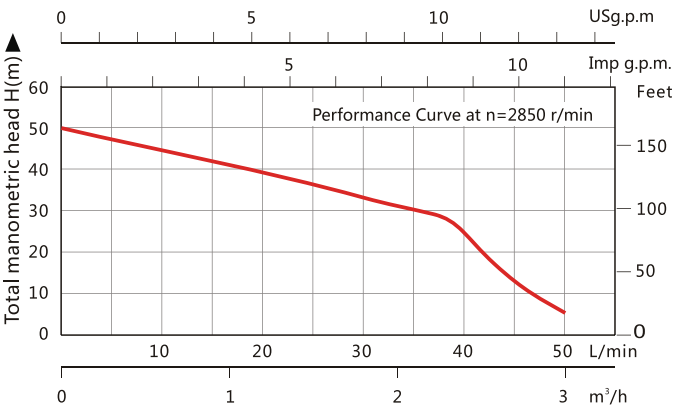
Construct

PUMP

- Pump Body: Cast Iron
- Impeller: Brass / Techno-polymer (P.P.O)
- Diffuser: Techno-polymer (P.P.O)
- Mechanical Seal: Carbon / Ceramic / Stainless Steel

MOTOR

- Single Phase
- Heavy Duty Continuous Work
- Motor Housing: Aluminum
- Shaft: Carbon Steel / Stainless Steel
- Insulation: Class B / Class F
- Protection: IP44 / IP54
- Cooling: External Ventilation



Technical Data (220~240V/50HZ)

Model	Single-phase Motor			n=2850r/min			Q														
	Input max kW	Output Power kW	HP	Current A	Q.max L/min	H.max m	Suct.max m	US g.p.m	0	1.32	2.64	3.96	5.28	6.6	7.93	9.25	10.6	12	13	15	15.9
JET-TJ 100B	1.10	0.75	1.00	5.2	50	50	9	Imp g.p.m	0	1.1	2.2	3.3	4.4	5.5	6.6	7.7	8.8	9.9	11	12	13.2
								m/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6
								L/min	0	5	10	15	20	25	30	35	40	45	50	55	60
								H meter	50	47	44	42	39	36	33	30	25	12	5	-	-

Other voltages and frequencies available on request.

Overall & Installation Dimensions

Model	DIMENSIONS (mm)																PACKAGE DIMENSIONS & G.W.				
	DNA	DNM		a	b	c	d	e	f	g	h	i	j	k	l	m	A	B	H	kg	
JET-TJ 100B	1"	25	1"	25	422	230	97	92	138	180	140	10	56	200	-	-	482	207	225	17	