



Specifications

- Maximum working pressure : 6 bar
- Maximum liquid temperature: 45°C

Materials

- Pump casing: 304 Stainless Steel
- Impeller: 304 Stainless Steel
- Jet & Diffuser: Noryl
- Shaft : AISI 303 (in contact with liquid)
- Bracket: Aluminium
- Motor Frame: Aluminium
- Mechanical Seal: Carbon/Ceramic/NBR

Motor Data

- TEFC, 2 pole motor
- Insulation class F
- IP55 protection
- 1Ø, 230~240 Volt, 50 Hz
- Permanent split capacitor
- Automatic thermal overload protection

Supply

- 1.8 m cable with 3 pin plug
- Available as pressure system with pressure switch or Presscontrol®

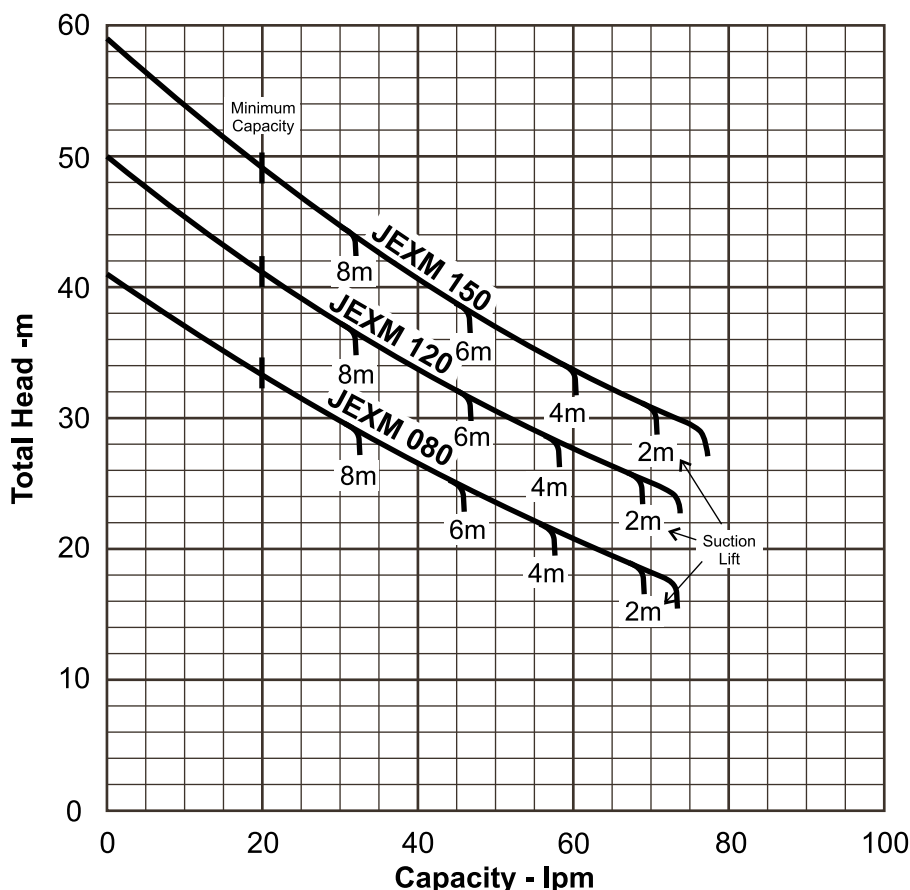
Self priming jet pumps manufactured in stainless steel. Suitable for boosting or transfer of water, small scale irrigation, tank & pool emptying, etc.

Performance Curve

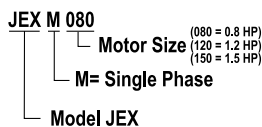
Synchronous Speed: 3000 r.p.m.

Water temp: 20°C

Applicable standard of test : ISO 2458 Class C



Model Code

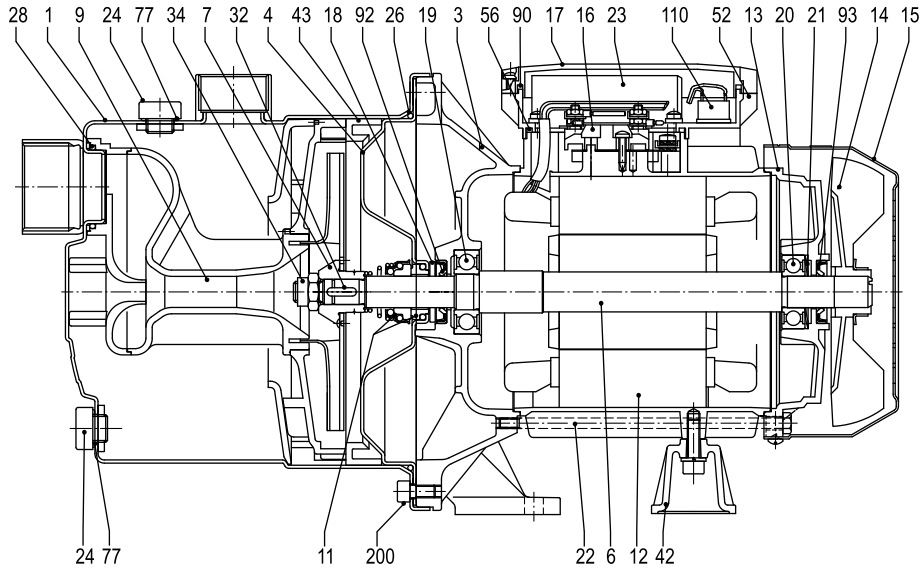


Performance Table

Pump Model	Motor Output	Power Supply	Capacitor		Full Load Current	Q= Capacity - litres/min								
			µF	Vc		20	30	40	50	60	70	75		
JEXM 080	0.60 kW	230 V, 1ph.	16 µF	450 Vc	4.7 A	33	29	26.5	23.5	20.5	18			
JEXM 120	0.88 kW	230 V, 1ph.	20 µF	450 Vc	6.7 A	41	37	34	30.5	27.5	24.5			
JEXM 150	1.10 kW	230 V, 1ph.	31.5 µF	450 Vc	7.6 A	49	44.5	40.5	37	34	31	29.5		

Sectional Drawing

Model JEX

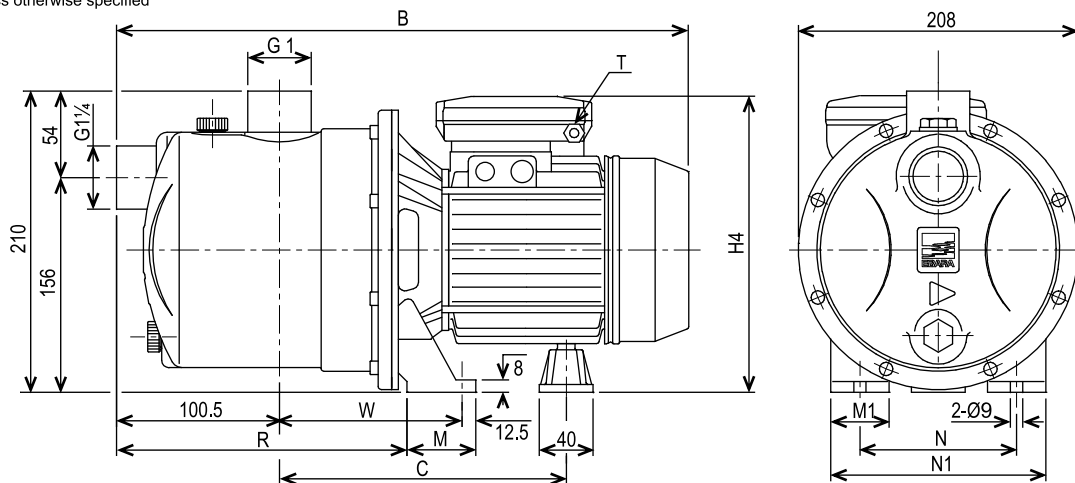


No.	PART NAME	MATERIAL	QTY	No.	PART NAME	MATERIAL	QTY
1	Casing	AISI 304 Stainless Steel	1	22	Tie rod	Fe 42	4
3	Motor bracket	Aluminium	1	23	Capacitor	-	1
4	Casing cover	AISI 304 Stainless Steel	1	24	Priming/Drain plug	Nylon	2
6	Shaft with rotor	AISI 303 S/Steel (Part in contact with liquid)	1	26	O-ring	NBR	1
7	Impeller	AISI 304 Stainless Steel	1	28	O-ring	NBR	1
9	Diffuser Venturi tube	Noryl	1	32	Impeller Key	AISI 304 Stainless Steel	1
11	Mechanical seal	Carbon/Ceramic/NBR	1	34	Impeller Nut	AISI 304 Stainless Steel	1
12	Motor frame with stator	-	1	42	Motor Support	Aluminium	1
13	Motor cover	Aluminium	1	43	Space diffuser	Noryl	1
14	Fan	Polypropylene	1	52	Terminal Box	ABS	1
15	Fan cover	Fe P04	1	56	Box gasket	NBR	1
16	Terminal block	-	1	77	O-ring	NBR	2
17	Terminal box cover	ABS	1	90	Cover Gasket	NBR	1
18	Splash ring	NBR	1	92	Lip Seal	-	1
19	Pump side ball bearing	-	1	93	Lip Seal	-	1
20	Fan side ball bearing	-	1	110	Motor protector	- (Only for JEXM 150)	1
21	Adjusting ring	Steel S780	1	200	Screw	Stainless steel A2 UNI7323	8

Dimensions

Model JEX

Units: mm unless otherwise specified



Model	Dimensions (mm)									
	B	C	H4	M	M1	N	N1	R	T	W
JEXM 080	417	230	215	50	38	120	160	206	PG11	143
JEXM 120	417	230	215	50	38	120	160	206	PG11	143
JEXM 150	445	250	240	55	40	140	180	203.5	PG13.5	145.5

Specifications subject to change without notice



EBARA PUMPS AUSTRALIA PTY. LTD.

Data Sheet
JEX 10-09m