

## CENTRIFUGAL SELF-PRIMING PUMPS made of stainless steel AISI 304

Centrifugal self-priming pumps made of stainless steel AISI 304 are suitable for water supply, pressure boosting in domestic applications, small irrigation systems, draining tanks and pools, as well as for pumping clean water for general purposes.



### SPECIFICATION

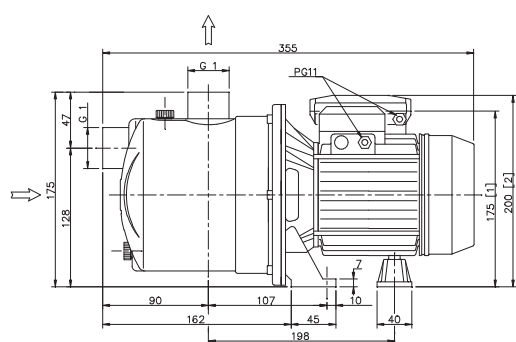
- Maximum working pressure: 6 bar
- Maximum liquid temperature: 45 °C

### MATERIALS

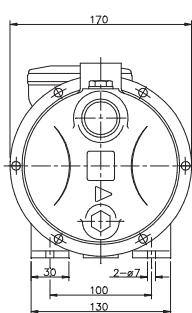
- Pump casing and sealing bottom made of stainless steel AISI 304
- Shaft made of stainless steel AISI 303
- Impeller made of stainless steel AISI 304 for JEX, made of technopolymer for JESX
- Mechanical seal made of graphite/ceramics/NBR
- Bracket and motor casing made of aluminum

### TECHNICAL DATA

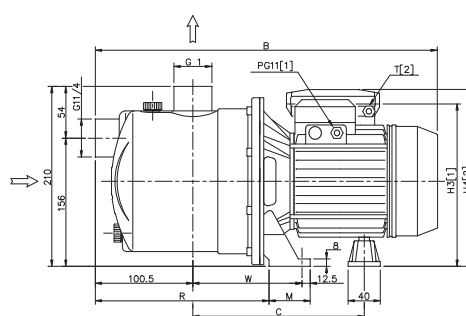
- Closed asynchronous 2-pole motor with external ventilation
- Insulation class F
- Protection class IP54 (upon request IP55)
- Single-phase voltage 230 V  $\pm$  10 % 50 Hz, three-phase voltage 230/400 V  $\pm$  10 % 50 Hz
- Permanently connected capacitor and built-in thermal protection with automatic restart for the single-phase version. For the three-phase version, thermal protection must be provided by the consumer.
- Inlet connection (DNA) 1" for JESX, 1" 1/4 for JEX
- Outlet connection (DNM) 1"



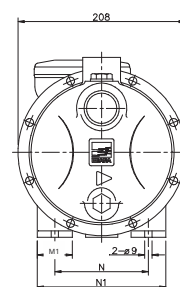
JESX



[1] : 3 ~  
[2] : 1 ~



JEX



[1] : 3 ~  
[2] : 1 ~

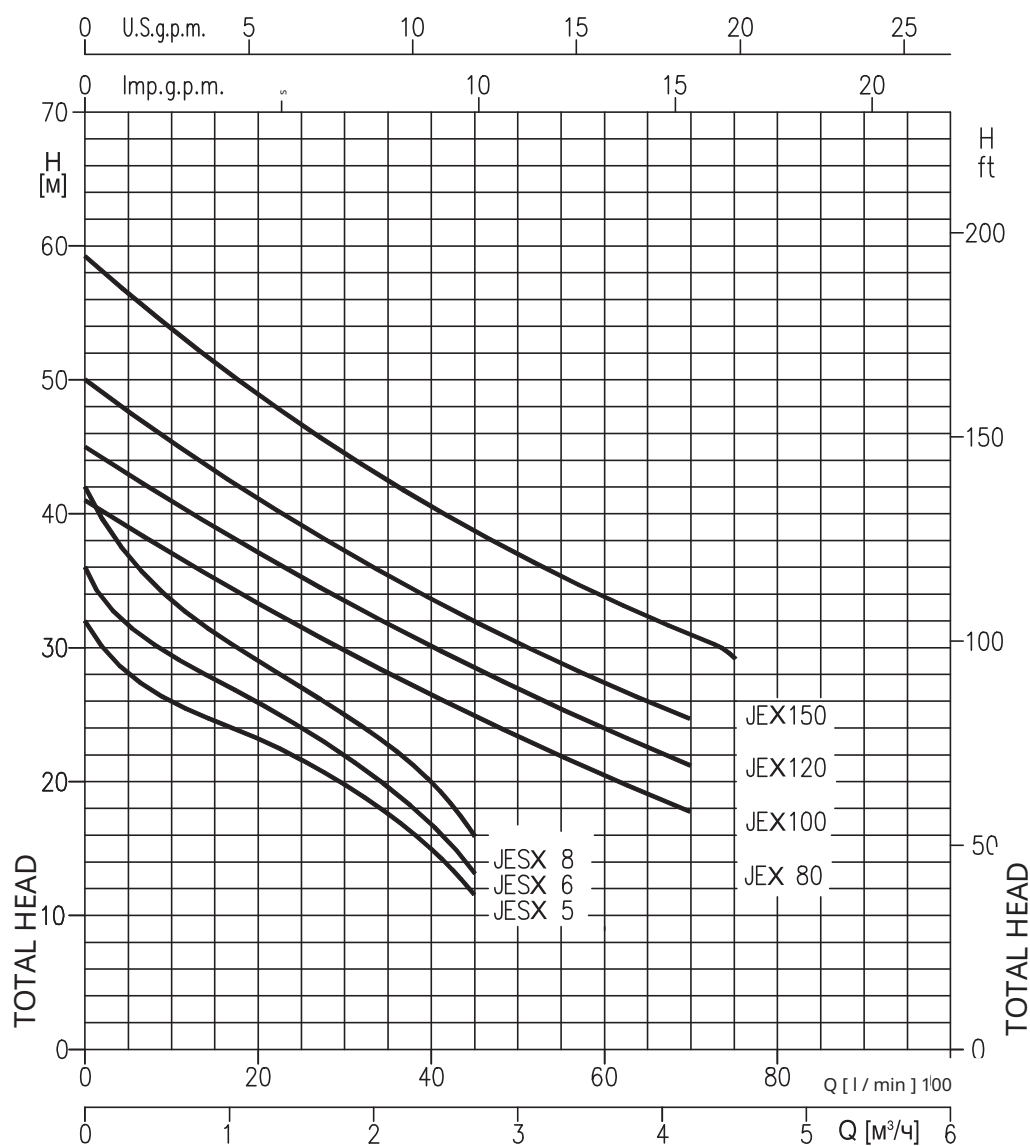
### TABLE OF DIMENSIONS

Model		Dimensions ( mm )											Weight
		B	C	H3	H4	M	M1	N	N1	R	T	W	kg
Single-phase	Three-phase												
JEXM 80	JEX 80	417	230	206	215	50	38	120	160	206	PG11	143	10,3
JEXM 100	JEX 100	417	230	206	215	50	38	120	160	206	PG11	143	10,8
JEXM 120	JEX 120	417	230	206	215	50	38	120	160	206	PG11	143	11,5
JEXM 150	JEX 150	445	250	216	240	55	40	140	180	203,5	PG13,5	145,5	14,1

Model		Weight
Single-phase	Three-phase	kg
JESXM 5	JESX 5	5,1
JESXM 6	JESX 6	5,5
JESXM 8	JESX 8	6,1

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## OPERATING CHARACTERISTICS (according to ISO 9906 Appendix A)



### OPERATING CHARACTERISTICS

Model		kBT	Capacitor		Consumption. current (A)			l / min M³/h	Q = Performance								
Single-phase 230 V 50 Hz	Three-phase 230/400 V50 Hz		μF	Vc	Single-phase	Three-phase			5	20	30	40	45	50	60	70	75
						230V	400V		0,3	1,2	1,8	2,4	2,7	3	3,6	4,2	4,5
									H = Head ( m )								
JESXM 5	JESX 5	0,37	10	450	2,1	1,5	0,85	28	23	20	15	11,5	-	-	-	-	
JESXM 6	JESX 6	0,44	10	450	2,4	1,9	1,1	31,5	26	22	17	13,5	-	-	-	-	
JESXM 8	JESX 8	0,6	12,5	450	3,0	2,25	1,3	37	29	25	20	16	-	-	-	-	
JEXM 80	JEX 80	0,6	16	450	4,7	3,3	1,9	-	33	29	26,5	25	23,5	20,5	18	-	
JEXM 100	JEX 100	0,75	20	450	6,4	4,5	2,6	-	37	33,5	30	28,5	27	24	21	-	
JEXM 120	JEX 120	0,88	20	450	6,7	4,7	2,7	-	41	37	34	32	30,5	27,5	24,5	-	
JEXM 150	JEX 150	1,1	31,5	450	7,6	5,9	3,3	-	49	44,5	40,5	39	37	34	31	29,5	