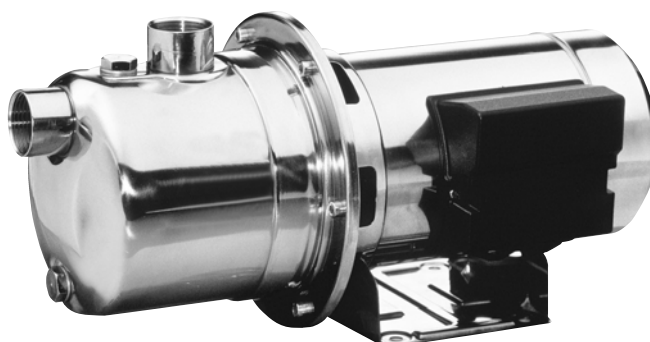


## CENTRIFUGAL SELF-PRIMING PUMPS made of stainless steel AISI 304

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

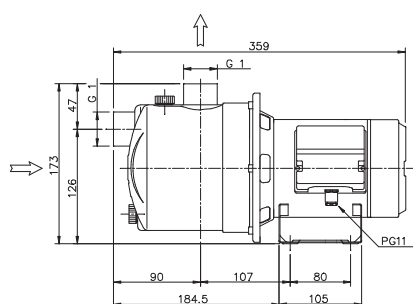
- Maximum working pressure: 6 bar
- Maximum liquid temperature: 45 °C

### MATERIALS

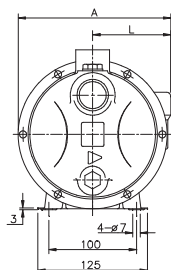
- The pump casing, bracket, sealing bottom, motor housing, and fan cover are made of stainless steel AISI 304
- Shaft made of stainless steel AISI 303
- Impeller made of stainless steel AISI 304 for JE, made of technopolymer for JES
- Mechanical seal made of graphite/ceramic/NBR

### TECHNICAL DATA

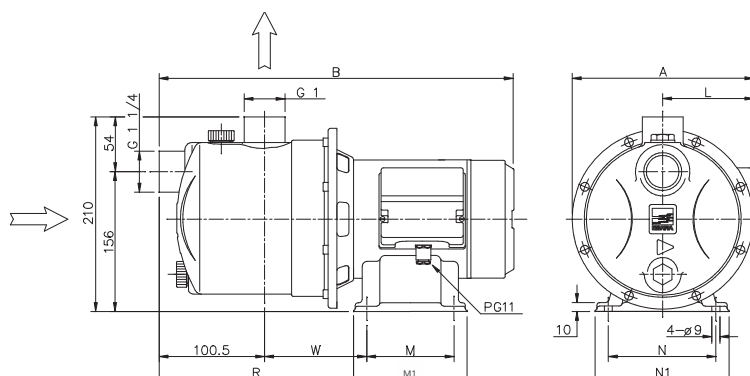
- Closed asynchronous 2-pole motor with external ventilation
- Insulation class F
- Protection class IP44 (upon request IP55)
- Single-phase voltage 230 V  $\pm$  10 % 50 Hz, three-phase voltage 230/400 V  $\pm$  10 % 50 Hz
- Permanently connected capacitor and built-in thermal protection with automatic restart for single-phase of the version
- For the three-phase version, thermal protection must be provided by the consumer
- Inlet connection (DNA) 1" for JES, 1" 1/4 for JE
- Outlet connection (DNM) 1"



JES



JE



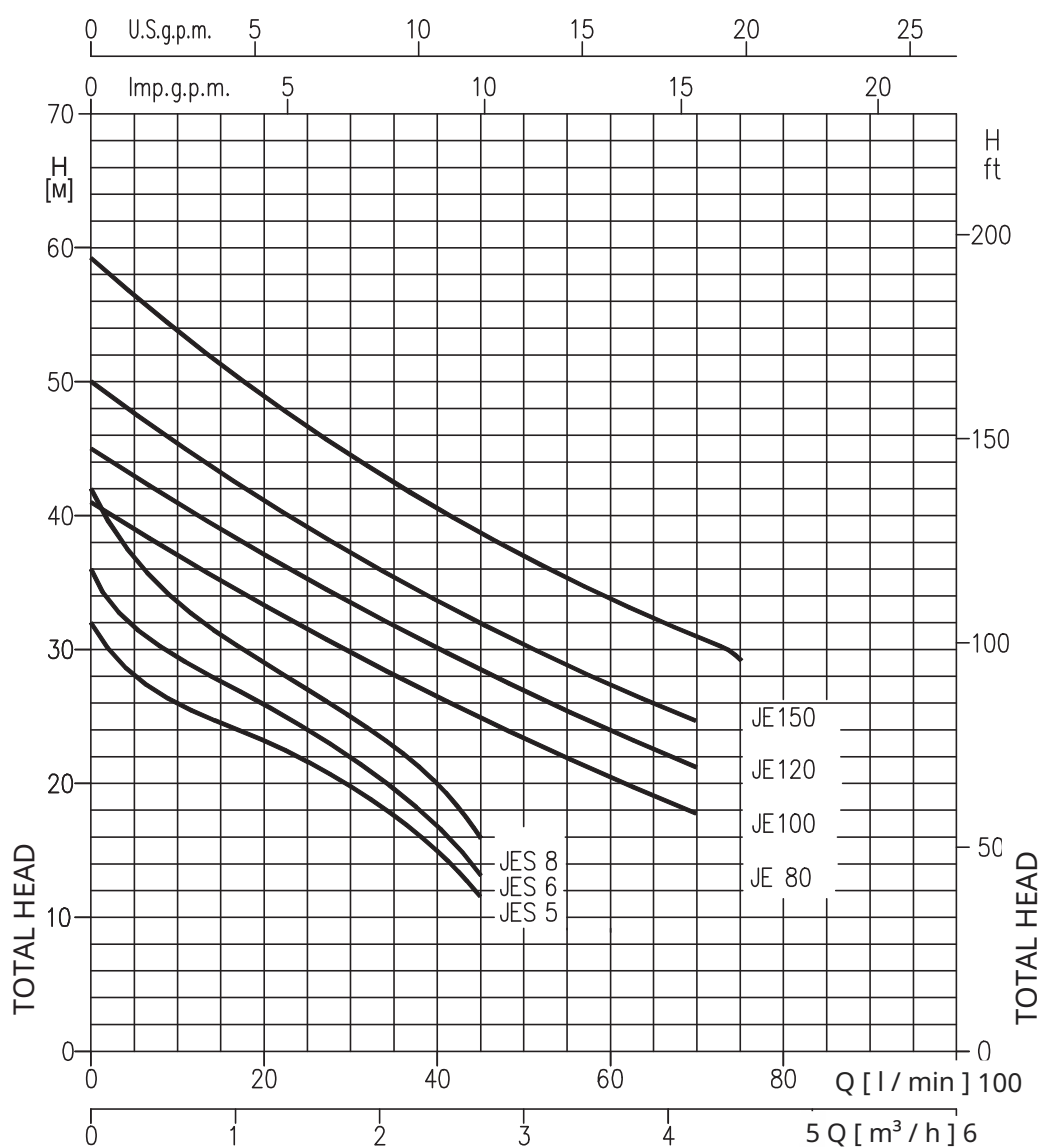
### DIMENSION TABLE

Model		Dimensions (mm)				Bec KG
		A		L		
Single phase	Three phase	1~	3~	1~	3~	
JESM 5	JES 5	181	177	96	92	5,6
JESM 6	JES 6	181	177	96	92	5,8
JESM 8	JES 8	181	177	96	92	6

Model		Dimensions (mm)											Weight (kg)
		A		B	L		M	M1	N	N1	R	W	
Single phase	Three phase	1~	3~		1~	3~							
JEM 80	JE 80	209	205	401	105	101	100	130	120	150	213,5	128	12
JEM 100	JE 100	209	205	432	105	101	100	130	120	150	228,5	143	13,5
JEM 120	JE 120	209	205	432	105	101	100	130	120	150	228,5	143	13,5
JEM 150	JE 150	214	214	439	110	110	120	150	140	170	231	145,5	15,5

CENTRIFUGAL SELF-PRIMING pumps made of stainless steel AISI 304

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



### OPERATING CHARACTERISTICS

Model		kW	Capacitor		Consumption. current (A)			l /min m³/h	Q = Flow Rate								
Single-phase 230 V 50 Hz	Three-phase 230/400 V 50 Hz		µF	Vc	Single-phase	Three-phase 230 B	400 B		5	20	30	40	45	50	60	70	75
									0,3	1,2	1,8	2,4	2,7	3	3,6	4,2	4,5
H = Head (m)																	
JESM 5	JES 5	0,37	10	450	2,1	1,5	0,85	28	23	20	15	11,5	-	-	-	-	-
JESM 6	JES 6	0,44	10	450	2,4	1,9	1,1	31,5	26	22	17	13,5	-	-	-	-	-
JESM 8	JES 8	0,6	12,5	450	3,0	2,25	1,3	37	29	25	20	16	-	-	-	-	-
JEM 80	JE 80	0,6	16	450	4,7	3,3	1,9	-	33	29	26,5	25	23,5	20,5	18	-	-
JEM 100	JE 100	0,75	20	450	6,4	4,5	2,6	-	37	33,5	30	28,5	27	24	21	-	-
JEM 120	JE 120	0,88	20	450	6,7	4,7	2,7	-	41	37	34	32	30,5	27,5	24,5	-	-
JEM 150	JE 150	1,1	31,5	450	7,6	5,9	3,3	-	49	44,5	40,5	39	37	34	31	29,5	-