

Self Priming JET Pumps



Specification

Power	: JS : 0.37 kW - 1.1 kW JB : 0.37 kW - 1.1 kW
Speed	: 2900 rpm
Protection	: IP 54 / IP 44
Insulation Class	: "B"
Versions	: 1Ph - 230V, 50Hz (PSC) Inbuilt with T.O.P 3Ph - 380-415V, 50Hz
Direction of Rotation	: Clockwise viewed from driving end
Duty	: S1 (Continuous)
Suction and Delivery Size	: 1" x 1", 1¼" x 1" (BSP)

Operating Conditions

Head Max	: 48.5m
Suction Lift	: 7m (Max)
Max. Liquid Temperature	: +5°C ~ +60°C
Ambient Temperature	: 50°C (Max)

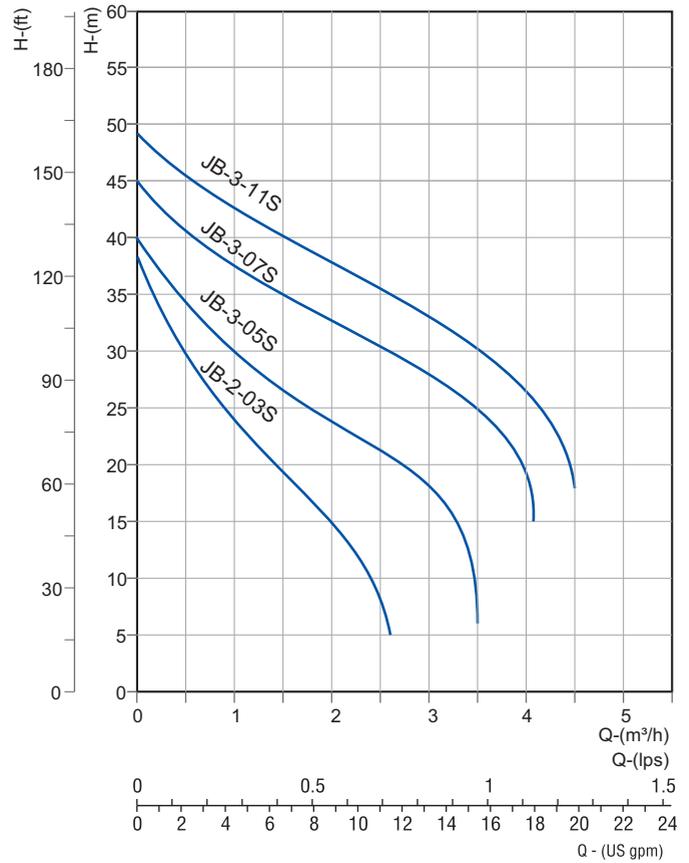
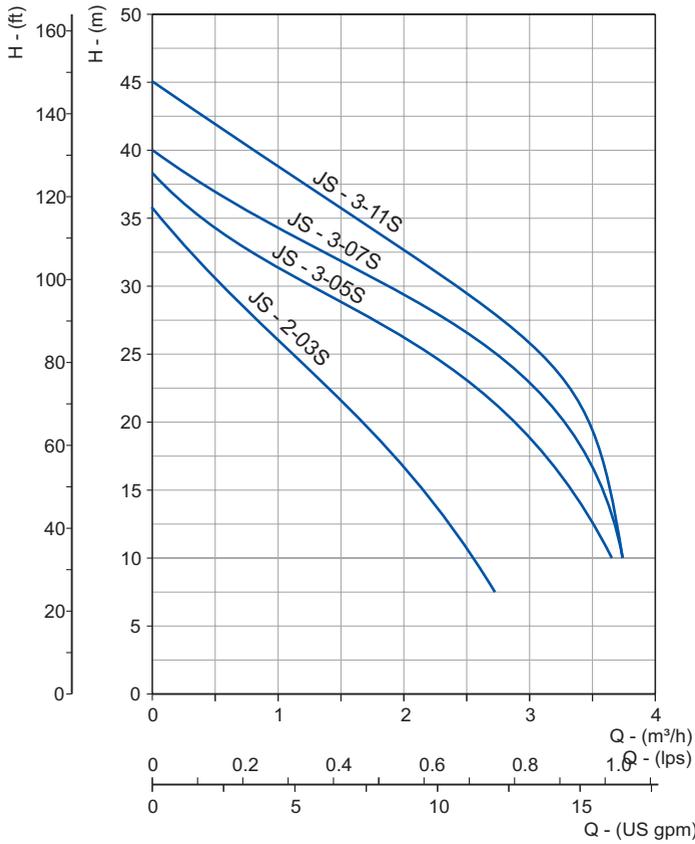
Applications

Residential
Irrigation
Small Farms
Pressure Boosting Units
Industrial Water Supply
Food Processing Industries
Washing Systems

Materials of Construction

	JS	JB
Pump Casing	: SS 304	Cast Iron
Motor Frame	: Aluminium	Aluminium
Impeller	: SS 304	Brass
Shaft	: SS 304	SS 304
Mechanical Seal	: Carbon & Ceramic	Carbon & Ceramic

Performance Curves



Performance Table

PUMP MODEL	POWER		RATED AMPS		PUMP SIZE IN INCHES (Suc x Del)	Discharge in lps / m³/h								
	kW	HP	1Ph 230V	3Ph 380V		0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.04
						0	0.5	1	1.5	2	2.5	3	3.5	3.75
JS-2-03S	0.37	0.5	3.1	0.93	1 x 1	36	31	26.5	21.5	17	11	7 (2.75m³/h)	-	-
JS-3-05S	0.55	0.75	4.3	1.49	1 x 1	38	34	31.5	28.5	26.5	23	18.5	12.5	10 (3.7m³/h)
JS-3-07S	0.75	1.0	4.5	1.63	1 x 1	40	37	34	32	29	26.5	23	17	10
JS-3-11S	1.1	1.5	5.3	2.65	1 x 1	45	42	38.5	36	32.5	29.5	26.5	19.5	10

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	kW	HP	1Ph 230V	3Ph 380V		0	0.3	0.6	0.8	1.1	1.4
						0	1	2	3	4	5
JB-2-03S	0.37	0.5	3.1	0.9	1" x 1"	38	24	15	5 (2.6m³/h)		
JB-3-05S	0.55	0.75	4.6	1	1" x 1"	40	30	24	18	10 (3.5m³/h)	
JB-3-07S	0.75	1	5	1.6	1" x 1"	45	37	33	28	20	
JB-3-11S	1.1	1.5	7.5	2	1¼" x 1"	49	42	38	33	27	20 (4.4m³/h)

Note: On request pumps can also be supplied with automatic pressure switch. Prefix letter "AF" with above model name for pumps including pressure switch.

ADAPTABILITY. **R**IGHT OPTION. **O**PPORTUNITY. **W**ORD OF TRUST



JS /JB SERIES

AROW SOLUTIONS ESPAÑA SL

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