

# JS SERIES

## SELF-PRIMING PUMP WITH STAINLESS STEEL BODY

### Applications:

JS Series self-priming electric pumps, equipped with waterproof plug & power cord and watertight switch. It is suitable for gardening, water supply, washing, increasing water pressure, ect. It is usually can be combined with a pressure switch and surge tank to be used as Domestic Water System for distributing water.



# JS

### Materials:

Pump body: SUS304 / SUS316  
Impeller: PPO / SUS304 / SUS316  
Guide plate and ejector: Reinforced plastic  
Mechanical seal: NBR / ceramic / carbon (Special materials are available upon request)  
Pump shaft :SUS304 stainless steel.

### Motor:

T .E .F .C., class F insulation  
Ip55 protection, continuous duty.  
Maximum ambient temperature: +40°C  
Single phase version: 220V/50Hz, 2800rpm  
Three phase version: 380V/50Hz, 2800rpm  
Overload protection can be provided upon request.

### Working conditions:

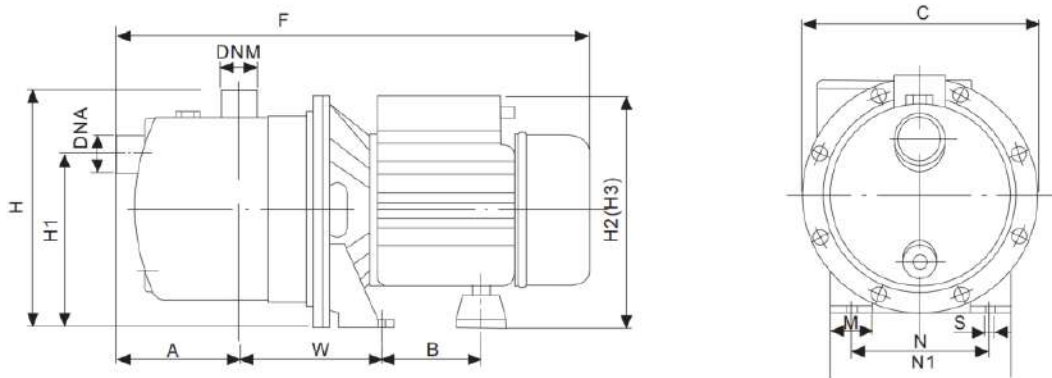
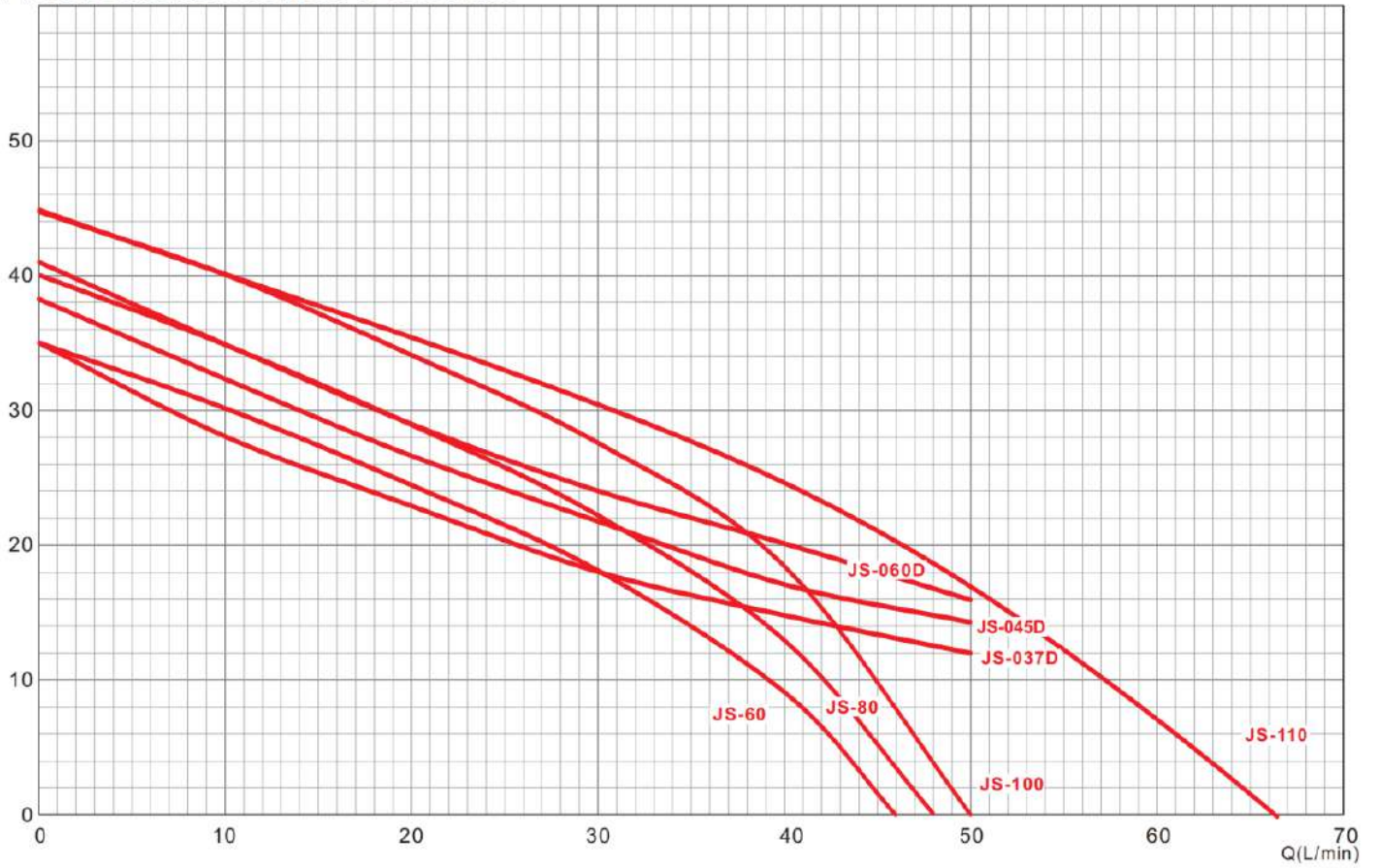
Suction/Discharge size: G1"  
Max. Working pressure: 6 bar  
Max. Working temperature: 45°C  
Max. Suction head: 8m

### TECHNICAL DATA

| MODEL   | Max. Capacity (L/min) | Max. Head (m) | Max. Suct.lift (m) | Speed (r.p.m) | Power (w) | Volt (v) | Freq. (Hz) | Pump dia | Net weight (kg) | Overall dimension (mm) |
|---------|-----------------------|---------------|--------------------|---------------|-----------|----------|------------|----------|-----------------|------------------------|
| JS-037D | 50                    | 35            | 9                  | 2850          | 370       | 220      | 50         | 1"x1"    | 8.2             | 380x170x128            |
| JS-045D | 50                    | 38            | 9                  | 2850          | 450       | 220      | 50         | 1"x1"    | 8.5             | 380x170x128            |
| JS-060D | 50                    | 41            | 9                  | 2850          | 600       | 220      | 50         | 1"x1"    | 9.2             | 398x170x128            |
| JS-60   | 46                    | 35            | 9                  | 2850          | 460       | 220      | 50         | 1"x1"    | 8.9             | 410x220x360            |
| JS-80   | 48                    | 40            | 9                  | 2850          | 600       | 220      | 50         | 1"x1"    | 9.3             | 410x220x360            |
| JS-100  | 50                    | 45            | 9                  | 2850          | 750       | 220      | 50         | 1"x1"    | 9.7             | 410x220x360            |
| JS-110  | 66                    | 45            | 9                  | 2850          | 1100      | 220      | 50         | 1"x1"    | 14.3            | 530x300x580            |

Water test temperature :20°C Performance limits :ISO2584 specifications for standard class C pumps n=2800rpm

H  
(m) PERFORMANCE CHART AT n=2850 r/ min



**DIMENSIONS**

| Model  |       | Dimensions(mm) |    |     |     |     |     |     |     |      |     |      |    |     |      | Weight<br>kg |     |
|--------|-------|----------------|----|-----|-----|-----|-----|-----|-----|------|-----|------|----|-----|------|--------------|-----|
|        |       | A              | B  | C   | F   | H   | H1  | *H2 | *H3 | M    | N   | N1   | S  | W   | DNA  |              | DNM |
| JSD037 | JS037 | 90             | 90 | 170 | 380 | 174 | 128 | 182 | 181 | 30   | 100 | 130  | 7  | 107 | G1 " | G1 "         | 5.6 |
| JSD045 | JS045 | 90             | 90 | 170 | 380 | 174 | 128 | 182 | 181 | 30   | 100 | 130  | 7  | 107 | G1 " | G1 "         | 6.5 |
| JSD060 | JS060 | 90             | 90 | 170 | 399 | 174 | 128 | 188 | 188 | 30   | 100 | 130  | 7  | 107 | G1 " | G1 "         | 8.1 |
| JS60   | JS60  | 90             | 67 | 195 | 360 | 210 | 157 | 240 | 240 | 31.5 | 66  | 97.5 | 10 | 81  | G1 " | G1 "         | 8   |
| JS80   | JS80  | 90             | 67 | 195 | 360 | 210 | 157 | 240 | 240 | 31.5 | 66  | 97.5 | 10 | 81  | G1 " | G1 "         | 9.4 |
| JS100  | JS100 | 90             | 67 | 195 | 360 | 210 | 157 | 240 | 240 | 31.5 | 66  | 97.5 | 10 | 81  | G1 " | G1 "         | 9.5 |

\*H2 for single phase motors    \*H3 for three phase motors