DAVIES PUMPS
SINCE 1931

2 YEAR WARRANTY



# DJS SERIES

## Stainless steel jet assisted pumps

The Davies DJS sereies stainless steel pumps have the incorporated jet/venturi system for long or deep suction applications.

Most commonly used in house supply aaplications where the water source is situated below the pump. I.e. underground tanks, shallow wells or rivers, creeks and dams.

### Features

- 304 stainless steel impeller, pump body and seal plate
- Long life silicon carbide/carbon seal
- Glass fibre reinforced noryl diffuser/venturi

















# DJS SERIES

## TECHNICAL

| DAVIES DJS SERIES | | | | | | |
|---|---|---|---|---|---|---|
| Model | Hp | Kw (P2) | Volts | Phase | Amps | Cap Mfd |
| **DJS80** | 0.8 | 0.6 | 230 | 1 | 3.0 | 20 |
| **DJS100** | 1.0 | 0.75 | 230 | 1 | 4.5 | 20 |
| **DJS120** | 1.2 | 0.9 | 230 | 1 | 5.4 | 20 |

**Typical Applications:**
- Water storage tank to house pressure boosting
- Water transfer from shallow well/bore to storage tank

**Pump Type:**
Self-priming single impeller pump with jet and venturi system for pumping clean water without suspended solids, non-abraisive, non-corrosive to the materials used in the pump as listed below.

**Motor Type:**
- Totally enclosed, fan cooled.
- Rated speed: 2800 RPM
- Single phase voltage range: 220-240V
- PSC (permanent capacitor)
- Insulation: Class F
- Protection: IP55
- Overload protection: Internal thermal overload auto rest

**Operation limitations:**
- Ambient temperature range: -15°C to +40°C
- Maximum liquid temperature range: 45°C
- Maximum working pressure: 6.0Bar

## CONSTRUCTION MATERIALS

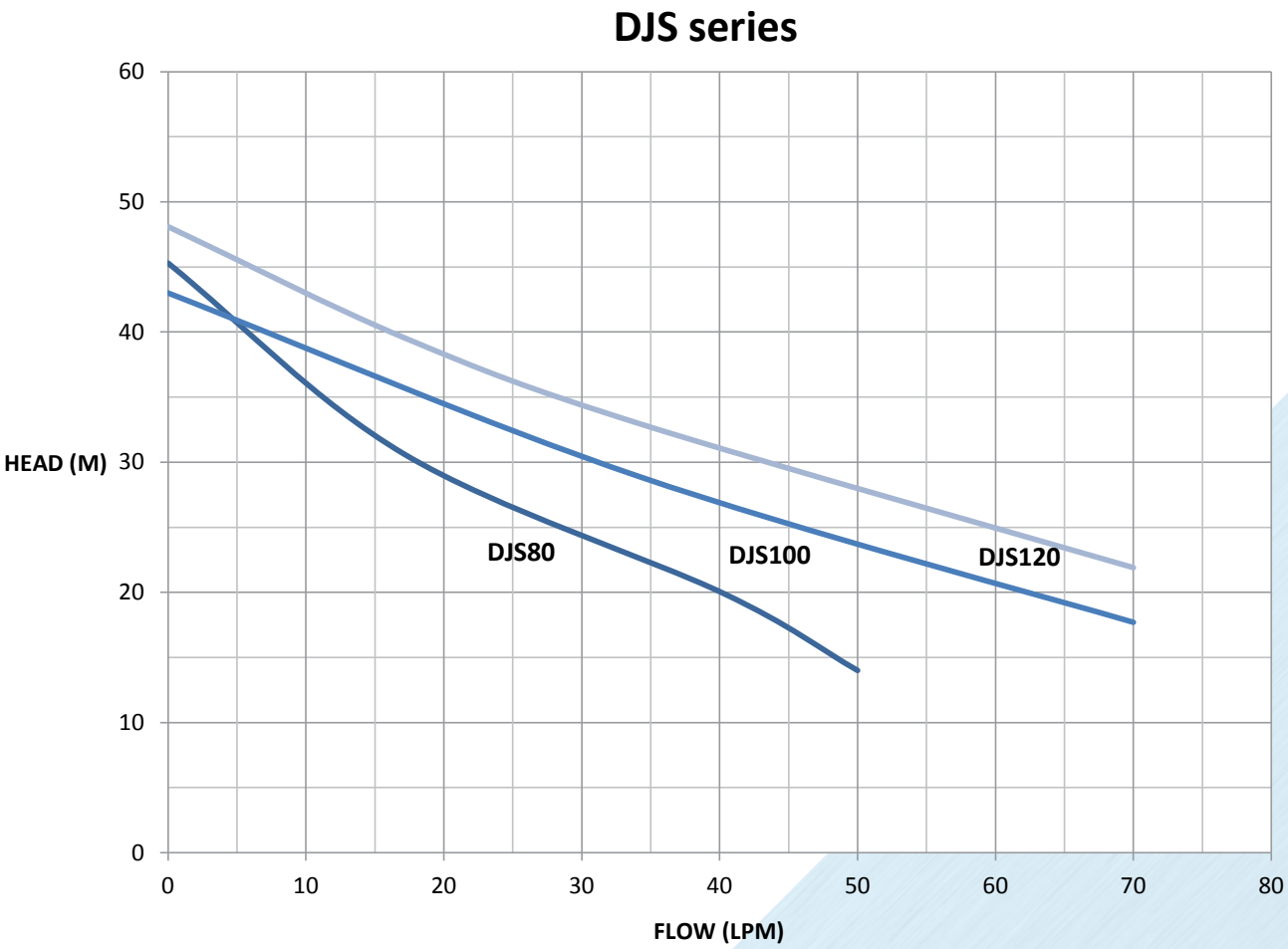
| Description | Material |
|---|---|
| **Pump Casing** | 304 Stainless steel |
| **Seal Plate** | 304 Stainless steel |
| **Impeller** | 304 Stainless steel |
| **Shaft** | 304 Stainless steel |
| **Mechanical seal** | Silicon carbide/carbon/EPDM |
| **Body O Ring** | EPDM |
| **Motor mount bracket** | Aluminium |



## PERFORMANCE

| PERFORMANCE DATA | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Model | m3/h | 0 | 0.6 | 1.2 | 1.8 | 2.4 | 3 | 3.6 | 4.2 |
| | L/M | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
| DJS80 | H(m) | 45 | 36 | 28 | 24 | 20 | 14 | | |
| DJS100 | | 43 | 37 | 34 | 30 | 26 | 22 | 20 | 17 |
| DJS120 | | 48 | 42 | 37 | 33 | 30 | 27 | 25 | 22 |

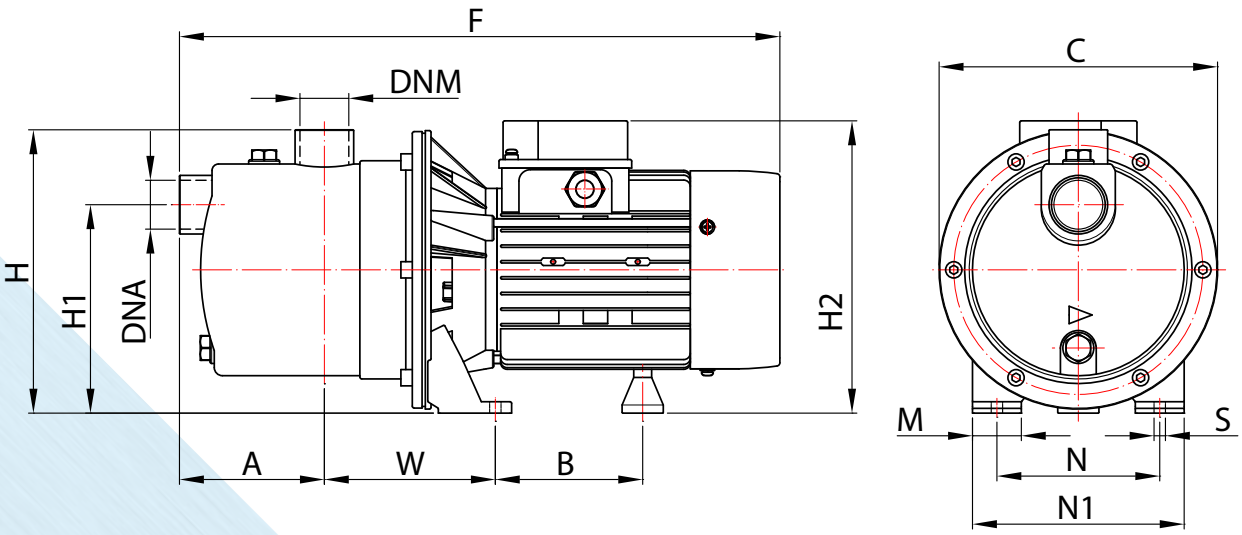
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## DIMENSIONS

| DAVIES DJS SERIES DIMENSIONS | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Model | A | B | C | F | H | H1 | H2 | N | S | W | DNA | DNM | KG | N1 | M |
| **DJS80** | 90 | 100 | 170 | 380 | 175 | 127 | 200 | 100 | 8 | 105 | 1" | 1" | 8.4 | 130 | 30 |
| **DJS100** | 100 | 75 | 210 | 425 | 212 | 158 | 212 | 120 | 8 | 140 | 1 ¼ | 1" | 11.8 | 160 | 40 |
| **DJS120** | 100 | 75 | 210 | 425 | 212 | 158 | 212 | 120 | 8 | 140 | 1 ¼ | 1" | 12.2 | 160 | 40 |




**For your nearest dealer please contact Argon Distributors: 0508 634 341**

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