## Mono Block

Close-coupled, horizontal, single-stage annular casing pump, with ratings and main dimensions to IS standards. Mainly used for Spray irrigation, irrigation, drainage and water supply systems, heating and air-conditioning systems, fire-fighting systems, swimming pools, handling of condensate, hot water, cooling water, fire-fighting water, oil, drinking water, cleaning agents, service water.
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# Mono Block Specification

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| **Mono block** | |
| **Maximum head** | 80 m |
| **Minimum head** | 6 m |
| **Maximum flow rate** | 125 m³/h |
| **Minimum flow rate** | 1.5 m³/h |
| **Speed of rotation** | 2900/min |
| **Maximum drive rating** | 30 HP / 22.38 KW |
| **Drive** | Electric motor |
| **Drive frequency** | 50 Hz |
| **Connection to power supply** | 415 V, 230 V, |
| **Max. permissible fluid temperature** | 140 °C |
| **Pump set location** | Dry installed |
| **Shaft material** | SS 410 |
| **Suction characteristics** | Non- priming |
| **Suitable for drinking water** | Yes |
| **Type of casing** | Volute casing |

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| **Casing material** | Cast iron / SS 304 / SS 316 / Bronze / SS 410 |
| **Impeller material** | BRONZE, SS 304, SS 316, SS 410, Graded CI |
| **Type of impeller** | Closed / Radial /Multi-vane impeller |
| **No. of impeller entries** | Single entry |
| **Installation position** | Horizontal |
| **Shaft seal type** | Mechanical seal / Gland packing |
| **Type of bearing** | Ball bearings |
| **Main applications** | Building services, Irrigation,Water, Industry and process engineering, Induction Furnaces, Foundry, Cooling towers, Chilling plants |