



|               |            |             |    |                  |            |
|---------------|------------|-------------|----|------------------|------------|
| <b>Doc #:</b> | DS-A50-038 | <b>Rev:</b> | 02 | <b>Rev Date:</b> | 04/02/2024 |
|---------------|------------|-------------|----|------------------|------------|

| PUMP DESIGN         |                        |
|---------------------|------------------------|
| Pump Type           | Direct In-Line, Duplex |
| Impeller Options    | DIPCUT®, Vortex        |
| Shaft Seal          | Mechanical Seal        |
| Maximum Solids Size | 2.0 in (51mm)          |

| MATERIALS              |  |
|------------------------|--|
| Pump Body + Hydraulics | 304 Stainless Steel (316SS Option)             |
| External Hardware      | 304 Stainless Steel                            |
| Motor Body             | Cast Iron, Painted                             |
| Gaskets                | Nitrile Rubber *                               |
| Mechanical Seal        | 304SS, FKM Elastomer, Tungsten Carbide Faces * |

\* (Other options available on request)

| TEMPERATURE           |   |
|-----------------------|---|
| Max Fluid Temperature | 160°F / 70°C (High-Temp 212°F / 100°C Option) |
| Max Ambient Temp.     | 104°F / 40°C                                  |

| Connection Options:    | Pump Inlet     | Isolation Branch | Pump Outlet(s)    |
|------------------------|----------------|------------------|-------------------|
| OW11C Isolation Valved | 5" ANSI Flange | 2" ANSI Flanges  | 3" ANSI Flange    |
| OW11YC Dual Discharge  | 5" ANSI Flange | 2" ANSI Flanges  | 2x 2" ANSI Flange |
| OW11 Standard Body     | 5" ANSI Flange | N/A              | 3" ANSI Flange    |
| OW11Y Dual Discharge   | 5" ANSI Flange | N/A              | 2x 2" ANSI Flange |



*Standard OW11CP  
pictured right and left.*

*Alternative inlet/outlet  
orientations available.*





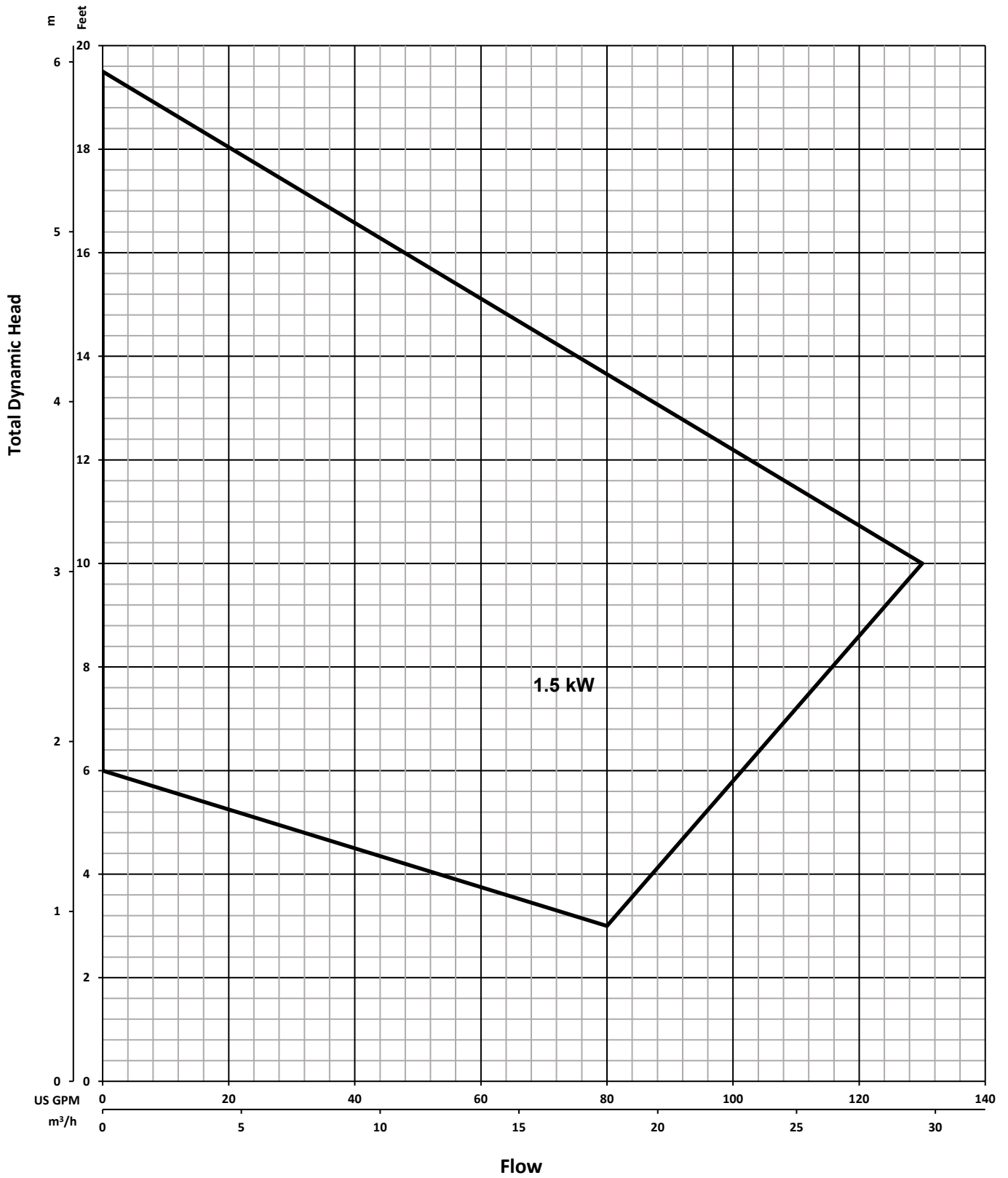
| MOTOR SPECIFICATIONS  |  |
|-----------------------|--|
| Electrical Design     | 4 Pole, 3-Phase Squirrel-Cage Induction Motor, 50/60Hz   |
| Mechanical Design     | IEC Frame, Flange mounted  |
| Motor Type            | Total Enclosed Fan-Cooled (TEFC), IP67 Immersible<br><i>(Other IP ratings &amp; Certifications available on request)</i> |
| Insulation Class      | Class F  |
| Service Factor        | 1.15   |
| Voltage Tolerance     | +/- 10% from Nominal   |
| Max Starts per Hour   | 240 (VFD Driven)   |
| VFD Motor Protections | Stall, Dry Run / Underload, Anti-Cavitation, Overload, High/Low voltage, Phase Loss / Phase Imbalance                    |


| MOTOR DATA          |          |          |          |          |               |
|---------------------|----------|----------|----------|----------|---------------|
| Rated Power @ 50 Hz | 208V FLA | 230V FLA | 460V FLA | 575V FLA | Pump Weight   |
| 2.0 HP / 1.5 kW     | 7.4      | 6.6      | 3.3      | 2.7      | 327lb (148kg) |

Contact our Applications Engineering Department for more Detailed information:

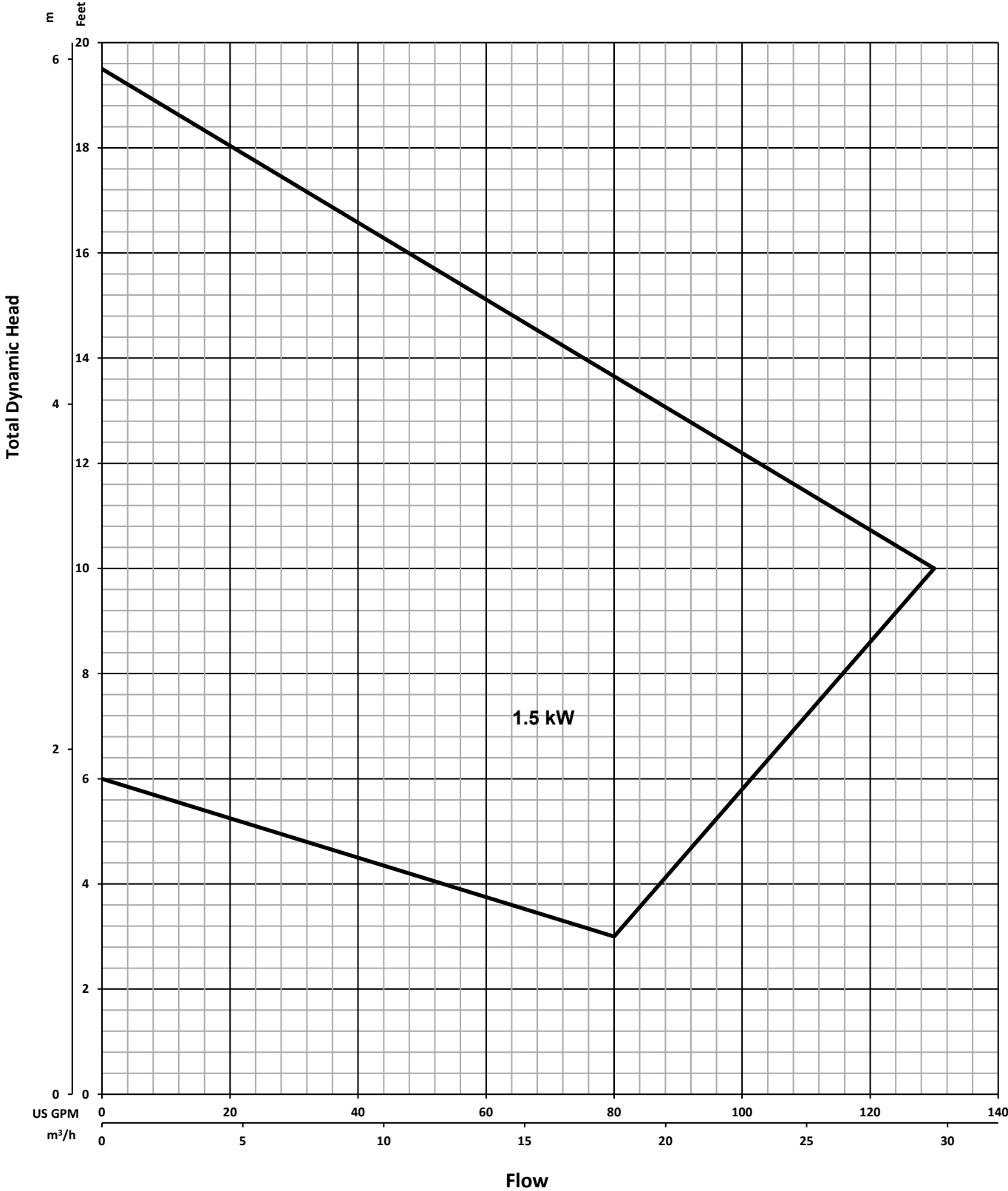
- Pump Performance Curves – For Impeller + Motor Selection
- Pump Outline Drawings – Final Assembly Dimensions
- DS-A50-066 Level Sensor Technical Datasheet
- DA-A50-070 Overwatch Electric Motor Datasheet.
- DS-A50-103 Mechanical Seal Information


# FAMILY CURVE OW11-4VV DC



|   |  |                   |                 |  |                    |
|---|--|-------------------|-----------------|--|--------------------|
| <br><b>INDUSTRIAL FLOW SOLUTIONS</b> | <b>FAMILY CURVE OW11-4VV DC</b>  |                   |                 | <b>DS-A50-552</b>  |                    |
|   | Tested with clean water<br>Test Standard : HI 11.6 Gr 3B<br>50Hz Motor kW rating | <b>Model</b>      | <b>OW11-4VV</b> |  | <b>Rev</b> -- ITIV |
|   |  | <b>Motor kW</b>   | 1.5             | <b>Poles</b>   | 4                  |
|   |  | <b>Impeller Ø</b> | 110x25mm        | <small>Specifications subject to change without notice</small> |                    |
| <b>Date</b> 7/14/2025   |  |                   |                 |  |                    |

# FAMILY CURVE OW11-4VV VX



|   |  |                   |                 |                       |                    |
|---|--|-------------------|-----------------|-----------------------|--------------------|
| <br><b>INDUSTRIAL FLOW SOLUTIONS</b> | <b>FAMILY CURVE OW11-4VV VX</b>  |                   |                 | <b>DS-A50-553</b>     |                    |
|   | Tested with clean water<br>Test Standard : HI 11.6 Gr 3B<br>50Hz Motor kW rating | <b>Model</b>      | <b>OW11-4VV</b> |                       | <b>Rev</b> -- ITIV |
|   |  | <b>Motor kW</b>   | 1.5             | <b>Poles</b>          | 4                  |
|   |  | <b>Impeller Ø</b> | 110x25X15mm     | <b>Date</b> 7/14/2025 |                    |
| Specifications subject to change without notice   |  |                   |                 |                       |                    |