



TECHNICAL DATA

Overwatch 61HR – 2 Pole

Doc #:	DS-A50-358	Rev:	02	Rev Date:	07/10/2026
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PUMP DESIGN

Pump Type	Direct In-Line, Duplex
Impeller Options	Vortex
Shaft Seal	Mechanical Seal
Maximum Solids Size	2.5 in (64mm)

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 Face *

*(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)
OW61HR Standard Body	6" ANSI Flange	N/A	4" ANSI Flange
OW61HRY Dual Discharge	6" ANSI Flange	N/A	2x 2.5" ANSI Flange



Standard OW61HRY
pictured right and left.

Alternative inlet/outlet
orientations available.





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MOTOR SPECIFICATIONS

Electrical Design	2 Pole, 3-Phase Squirrel-Cage Induction Motor, 50/60Hz
Mechanical Design	IEC Frame, Flange mounted
Motor Type	Total Enclosed Fan-Cooled (TEFC), IP67 Immersible (Other IP ratings & Certifications available on request)
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

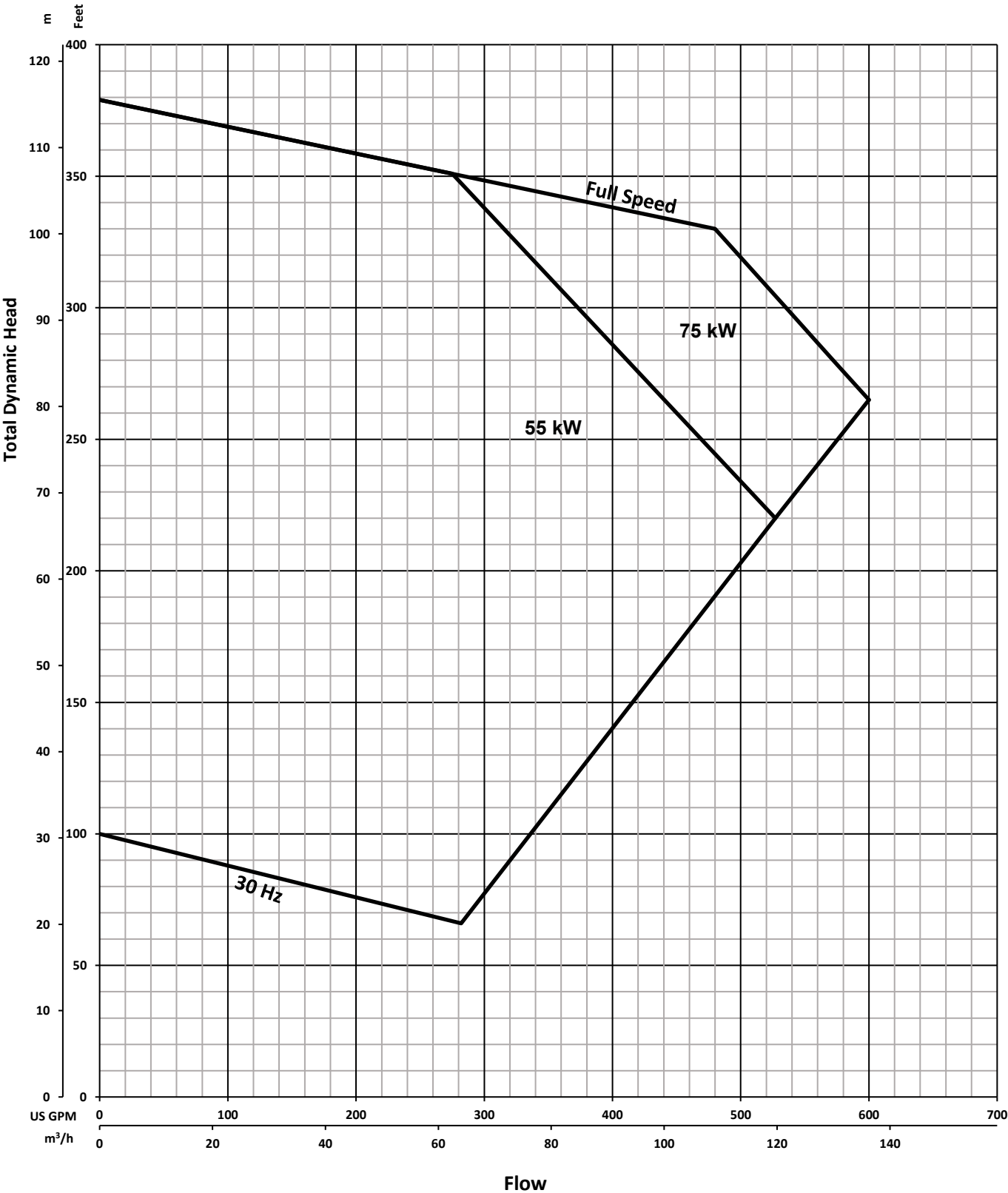
MOTOR DATA

Rated Power @ 50 Hz	208V FLA	230V FLA	460V FLA	575V FLA	Pump Weight
73.8 HP / 55 kW	-	-	98.0	78.4	2706lb (1227kg)
100.6 HP / 75 kW	-	-	136.0	108.8	3433lb (1557kg)

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 Performance Field OW61HR-2VV VX



 INDUSTRIAL FLOW SOLUTIONS™	Family Performance Field OW61HR-2VV VX			DS-A50-613		
	Tested with clean water Test Standard : HI 11.6 Gr 3B 50Hz Motor kW rating	Model	OW61HR-2VV		Rev	2 ITIV
		Motor kW	55-70	Poles	2	Date 6/19/2026
		Impeller Ø	220x40x20mm	Specifications subject to change without notice		