



INDUSTRIAL FLOW SOLUTIONS

TECHNICAL DATA**OW31/6VV**

Doc #: DS-A50-267

Rev: -

Date: 3/9/2022

DESIGN / CONSTRUCTION

Body	304L SS
External Hardware	304L SS
Gaskets	Buna-N
Motor Body	Cast Iron
Shaft Seal	Single Mechanical Seal
Impeller	180mm DIP CUT® Impeller Standard (Vortex or Channel optional)
Maximum Solid Size ϕ	3.0" (76.2mm)

MOTOR SPECIFICATIONS

Motor Design	6-Pole, 3-Phase Squirrel-Cage Motor 50Hz/60Hz
Motor Type	TEFC, IP67
Insulation Class	Class F
Motor Protection	Protected by VFD
Service Factor	1.15
Maximum Ambient Temp.	104°F (40°C)
Voltage Tolerance	±10%

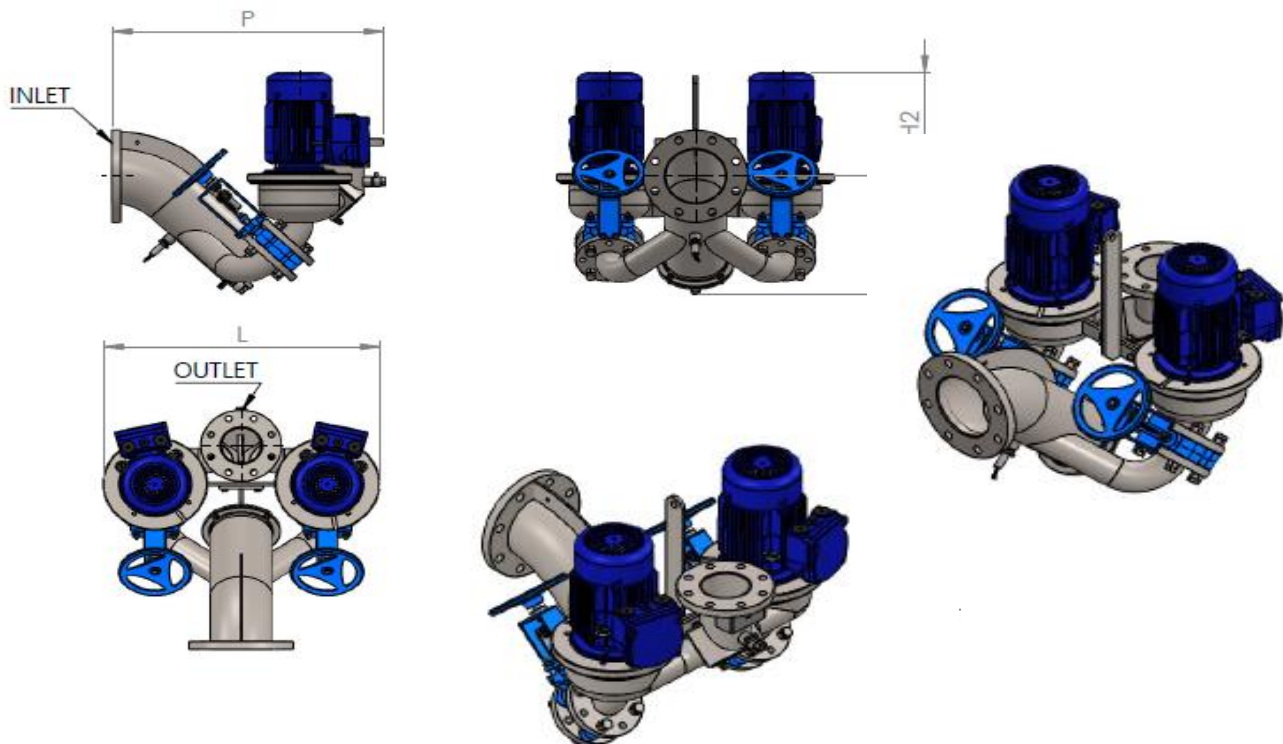
MOTOR DATA

Rated Power	208V FLA	230V FLA	460V FLA	575V FLA	Weight *
2.2kW / 3HP	11.1	10	5	4	406lb (184kg)

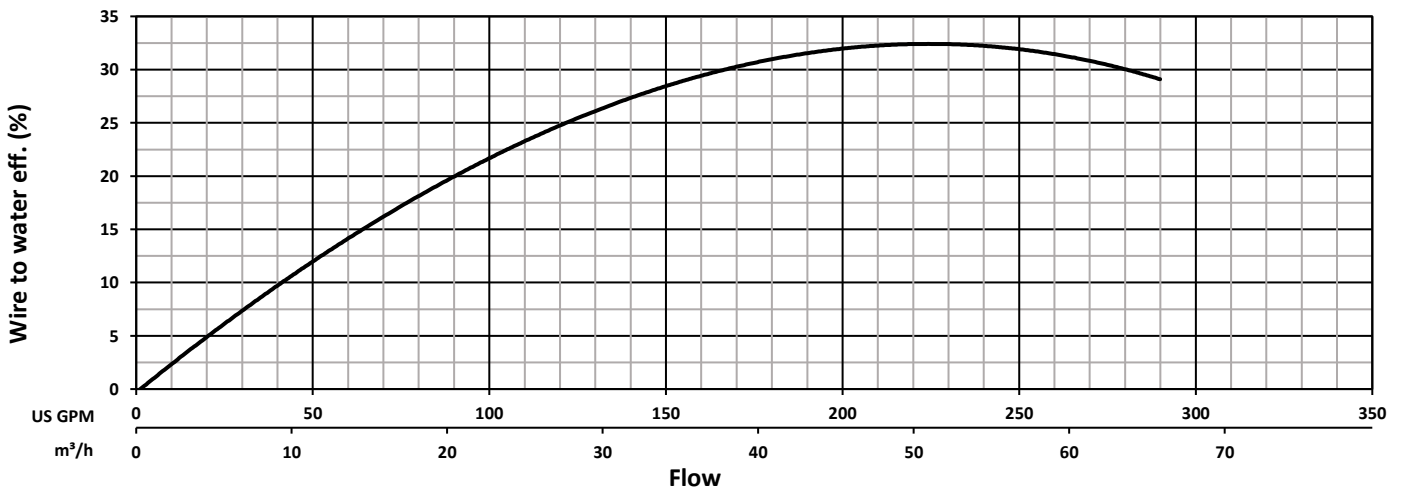
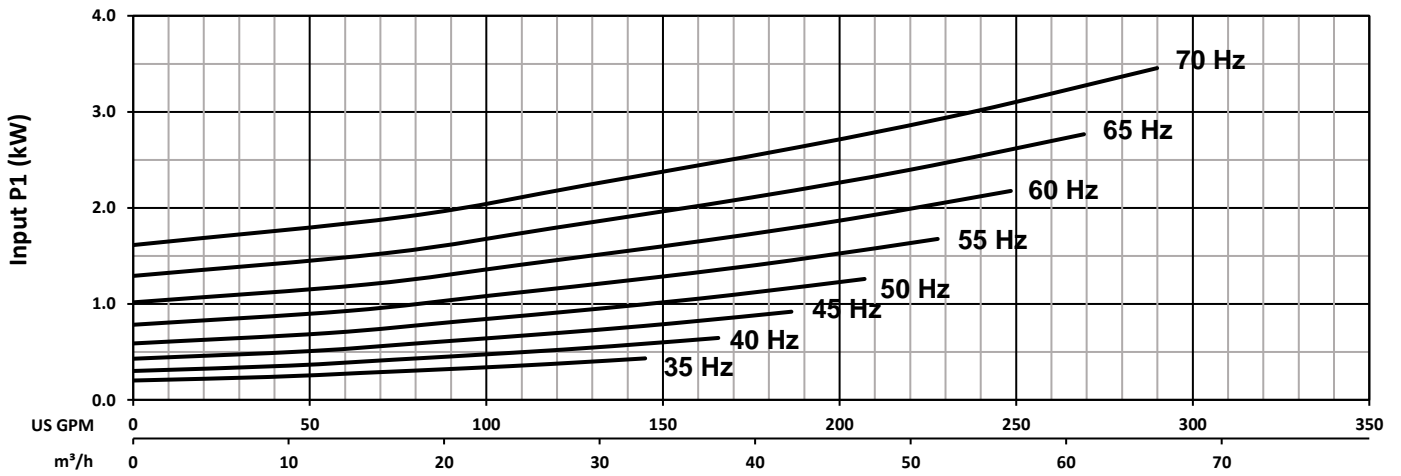
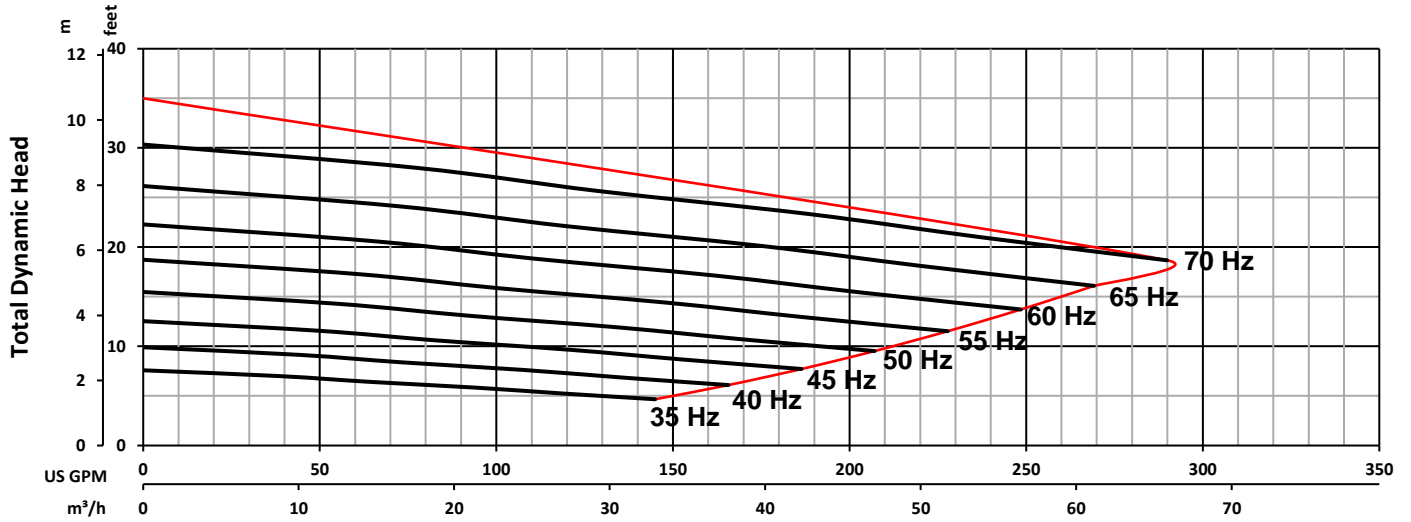
DIMENSIONS (largest motor)


Inlet	6" ANSI 150#
Outlet	4" ANSI 150#
H1	14.7" (374mm)
H2	17.5" (445mm)
L	33.6" (854mm)
P	29.5" (750mm)

* Total weight of unit



PERFORMANCE CURVE OW31-6VV VX 2.2kW



 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE OW31-6VV VX 2.2kW			DS-A50-183	
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	OW31-6VV	
			Motor	2.2kW / 2.9HP	Poles
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Impeller Ø	185x40x20mm	Specifications subject to change without notice
				Rev -- SCID Date 3/17/2021	