



INDUSTRIAL FLOW SOLUTIONS

TECHNICAL DATA

OW21/6VV

Doc #: DS-A50-266

Rev: -

Date: 3/4/2022

DESIGN / CONSTRUCTION

Body	304L SS
External Hardware	304L SS
Gaskets	Buna-N
Motor Body	Cast Iron
Shaft Seal	Single Mechanical Seal
Impeller	165mm DIPCUT® Impeller Standard (Vortex or Channel optional)
Maximum Solid Size ø	2.5" (65mm)

MOTOR SPECIFICATIONS

Motor Design	4-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%

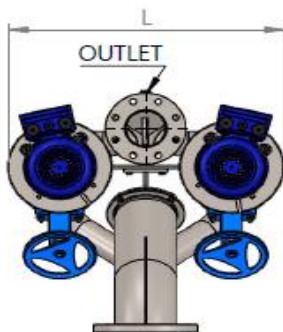
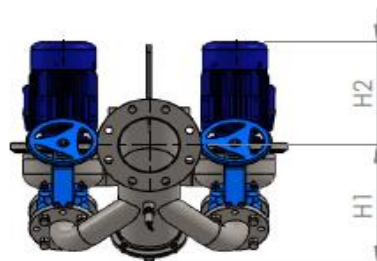
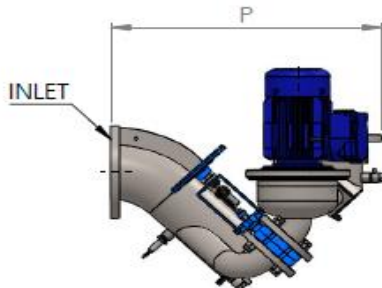
MOTOR DATA

Rated Power	230V FLA	460V FLA	575V FLA	Weight *
2.2kW / 3HP	10	5	4	267lb (121kg)

DIMENSIONS (largest motor)

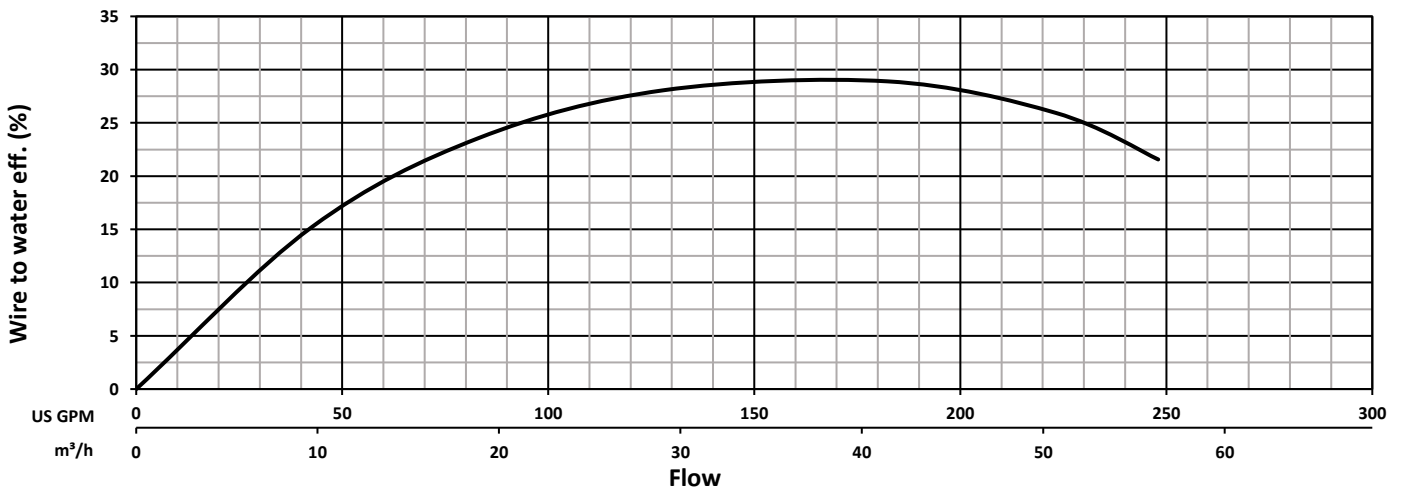
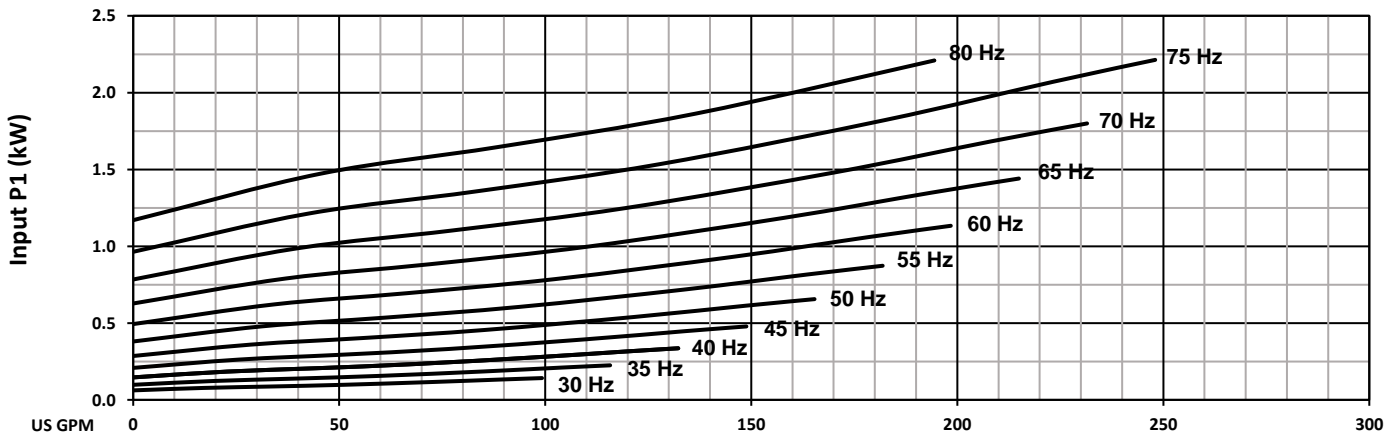
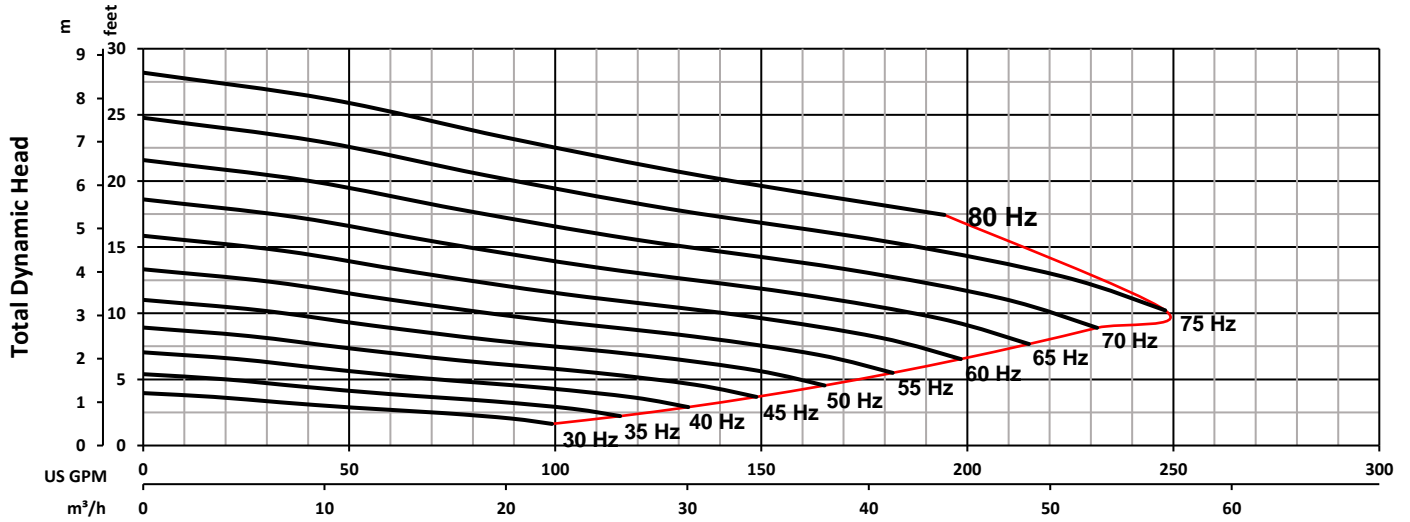
Inlet	6" ANSI 150#
Outlet	4" ANSI 150#
H1	13.7" (349mm)
H2	10.1" (256mm)
L	29.8" (756mm)
P	26.8" (680mm)


* Total weight of unit



Specifications subject to change without notice
Do not use for construction purposes

PERFORMANCE CURVE OW21-6VV VX 2.2kW



 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE OW21-6VV VX 2.2kW			DS-A50-175
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	OW21-6VV
			Motor	2.2kW / 2.9HP
			Poles	6
		Impeller Ø	165x40x20mm	Rev 1 SCID Date 2/14/2022 Specifications subject to change without notice