



DESIGN / CONSTRUCTION

Body	304L SS
External Hardware	304L SS
Gaskets	Buna-N
Motor Body	Cast Iron
Shaft Seal	Single Mechanical Seal
Impeller	185mm DIPCUT® Impeller Standard (Vortex or Channel optional)
Maximum Solid Size ø	2.8" (70mm)

MOTOR SPECIFICATIONS

Motor Design	2-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

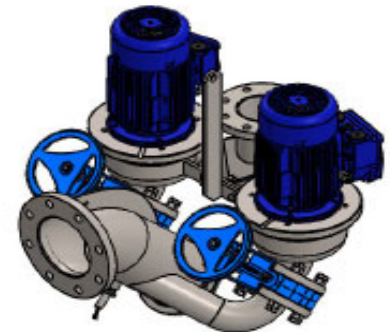
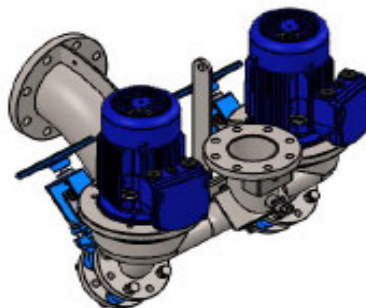
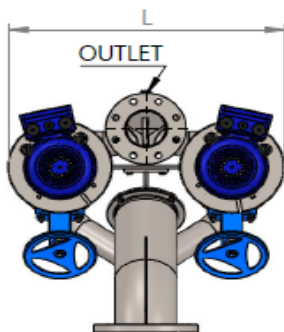
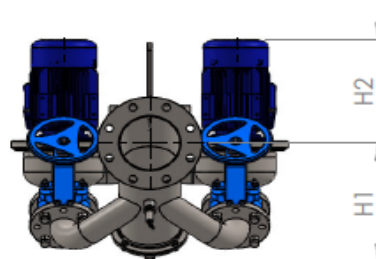
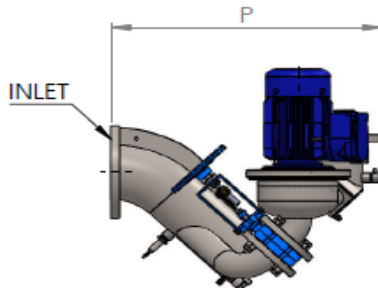
Rated Power	230V FLA	460V FLA	575V FLA	Weight *
11kW / 14.8HP	41.2	20.6	16.5	970lb (441kg)
15kW / 20.1HP	--	26.5	21.2	1049lb (477kg)
18.5kW / 24.5HP	--	32.2	25.8	1102lb (501kg)

DIMENSIONS (largest motor)

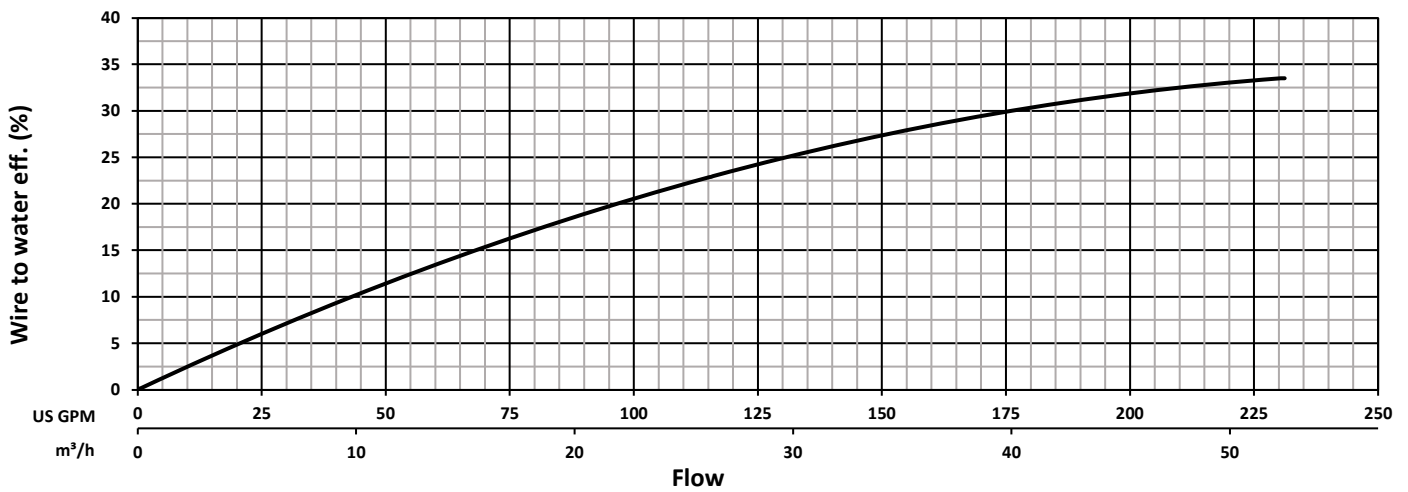
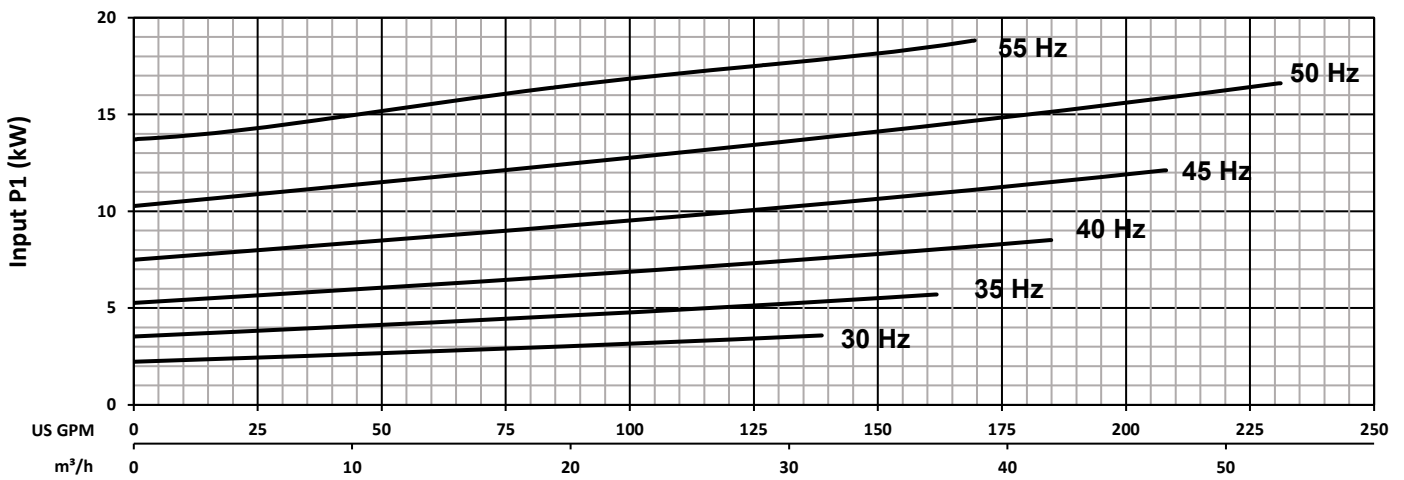
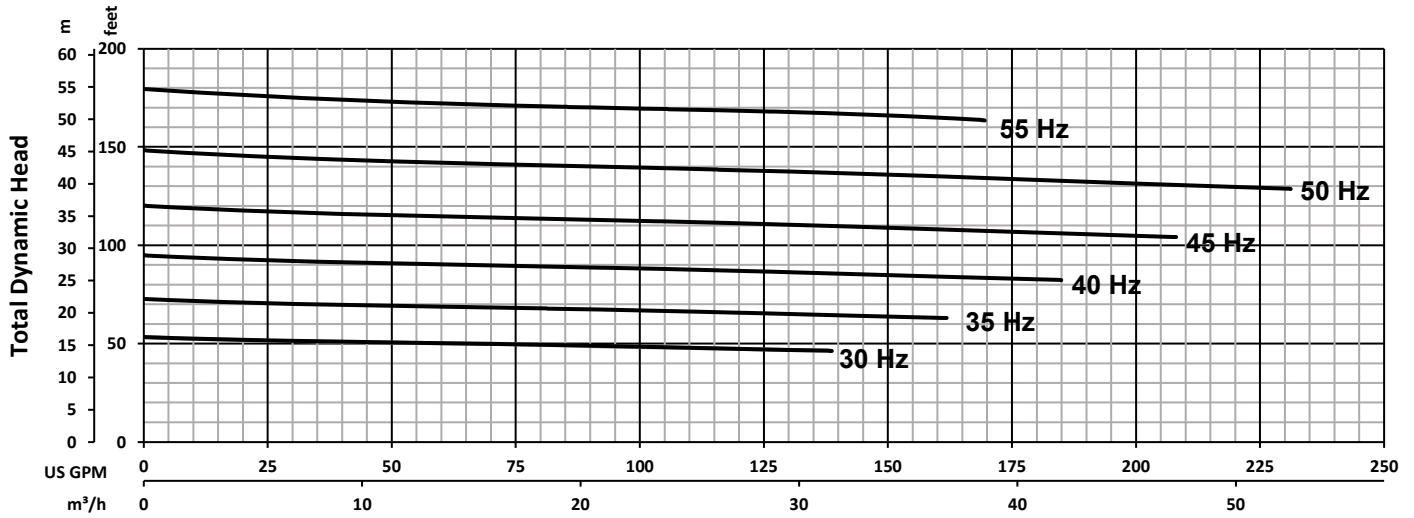
Inlet	6" ANSI 150#
Outlet	4" ANSI 150#
H1	14.95" (380mm)
H2 **	27" (685mm)
L	34.5" (876mm)
P	32.5" (825mm)


* Total weight of unit

** Max

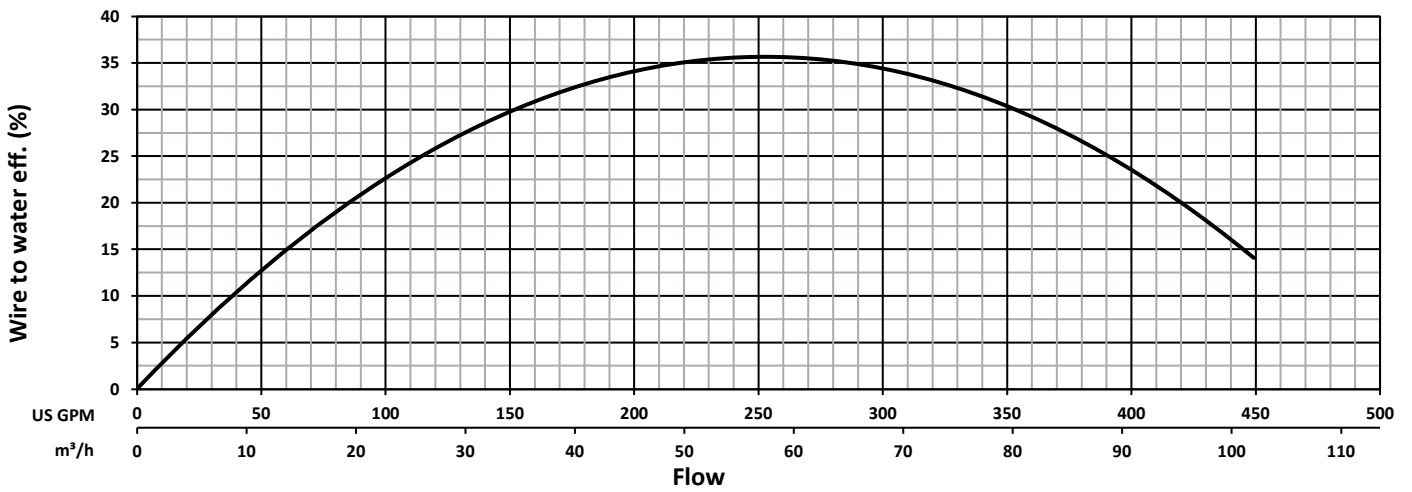
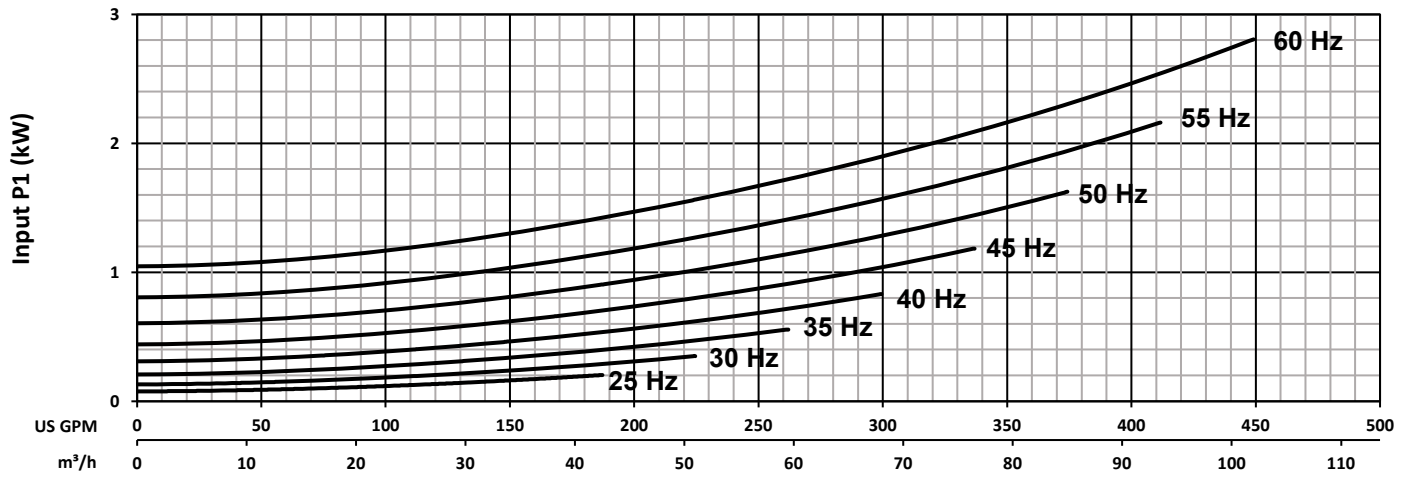
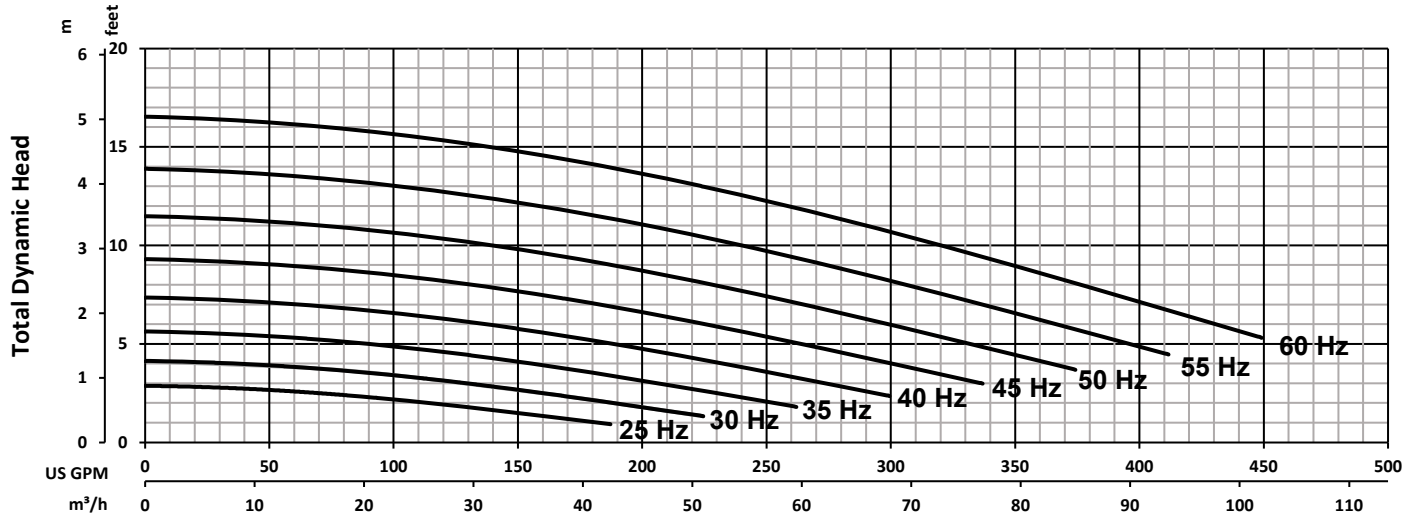



PERFORMANCE CURVE OW31R-2VV 18.5kW



 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE			DS-A50-067	
	Tested with clean water Test Standard : HI 11.6 Gr 3B	Model	OW31R-2VV 18.5kW		Rev --
		Motor	18.5kW / 24.8HP	Poles 2	Date 4/16/2020
		Impeller Ø	185x30x15mm	Specifications subject to change without notice	

PERFORMANCE CURVE OW31R-8VV 3.0kW



 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE			DS-A50-083
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	OW31R-8VV 3.0kW
			Motor	3.0 kW/4 HP
			Poles	8
		Impeller Ø	200x40x20 200mm	Date 5/22/2020
Specifications subject to change without notice				