

DESIGN / CONSTRUCTION

Overwatch Body	304L SS
External Hardware	304L SS
Gaskets	Buna-N
Motor Body	Cast Iron
Shaft Seal	Single Mechanical Seal
Impeller	200mm DIPCUT® Impeller Standard (Vortex or Channel optional)
Maximum Solid Size ϕ	4.3" (110 mm)

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%

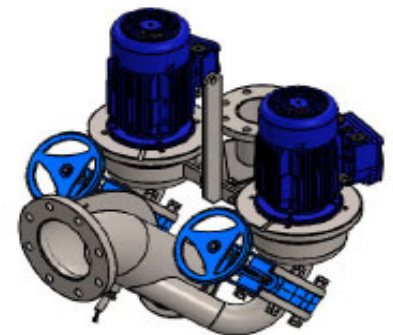
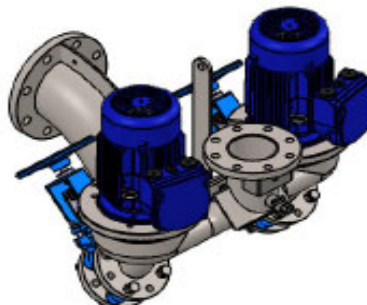
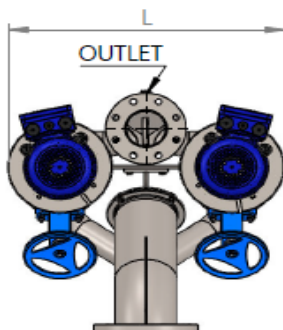
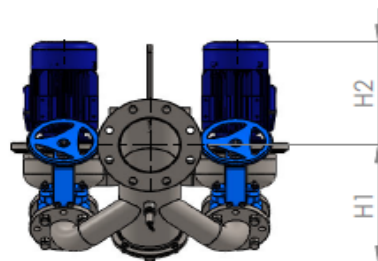
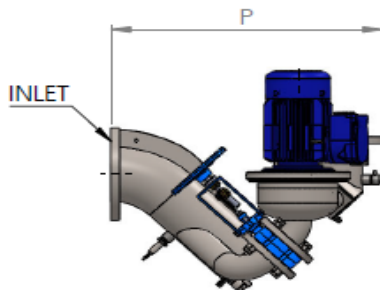
MOTOR DATA

Rated Power	230V FLA	460V FLA	575V FLA	Weight *
4.0kW / 5.4HP	17.6	8.8	7.0	482lb (219kg)
5.5kW / 7.4HP	23.6	11.8	9.4	514lb (233kg)

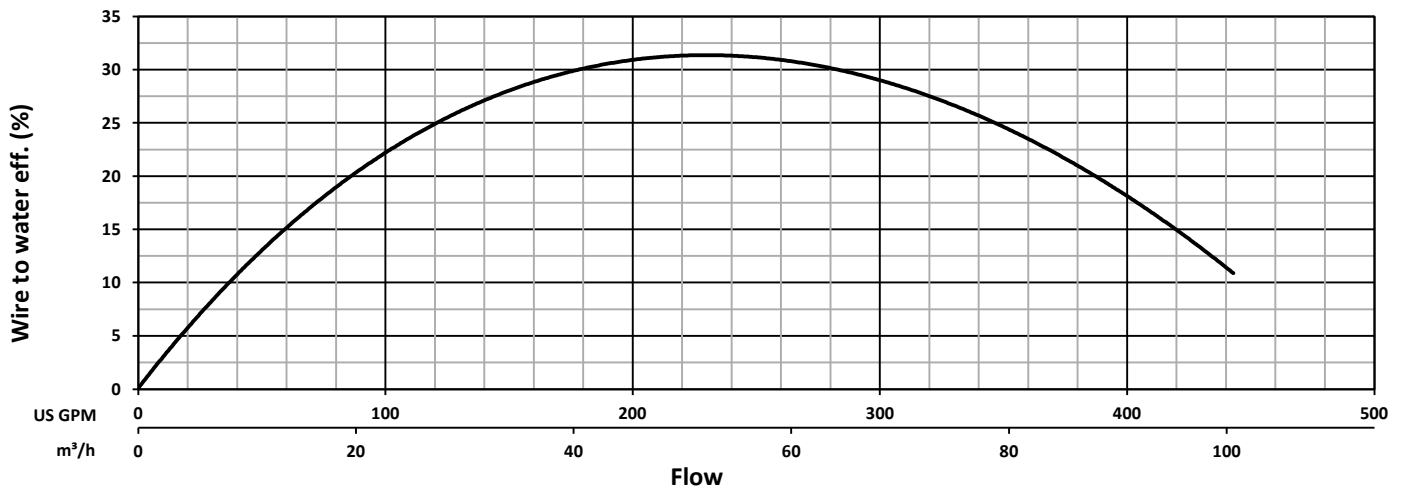
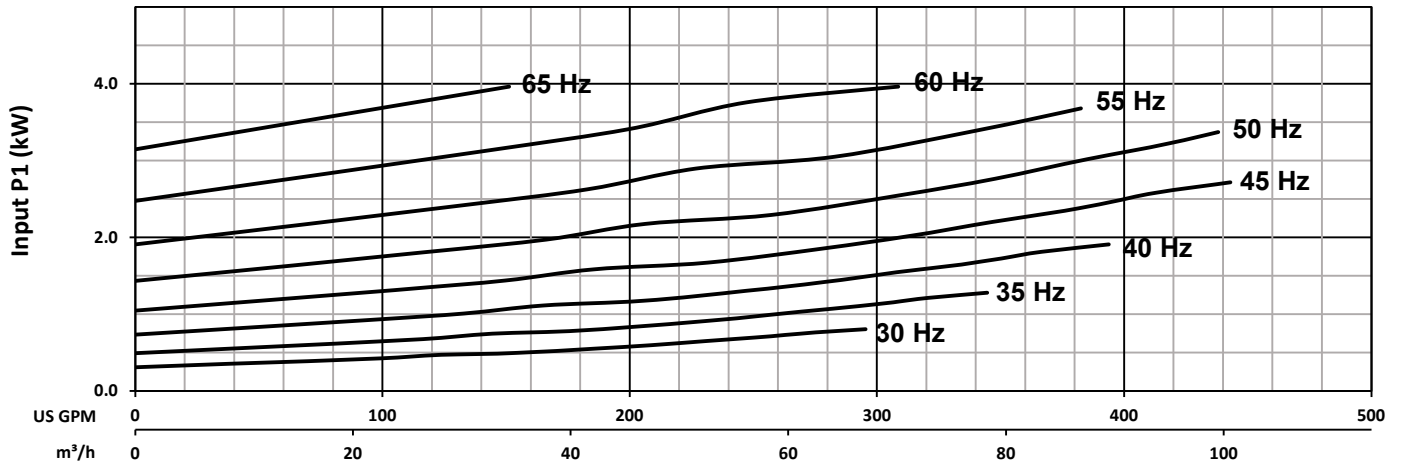
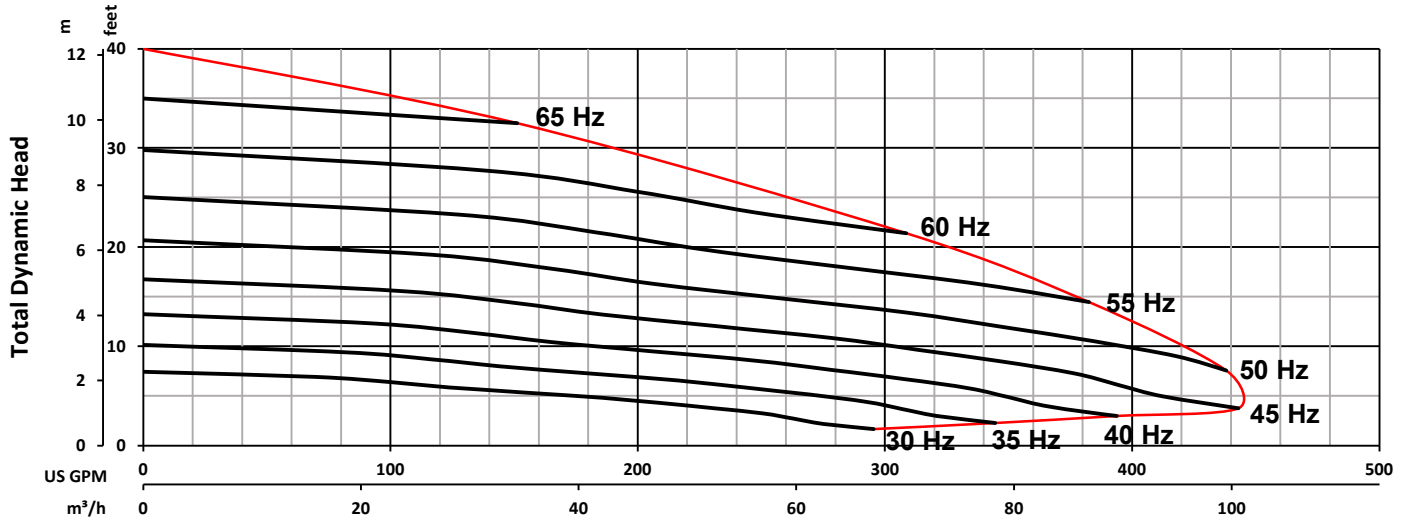
DIMENSIONS (largest motor)


Inlet	8" ANSI 150#
Outlet	6" ANSI 150#
H1	18" (457mm)
H2	17.1" (434mm)
L	40.6" (1031mm)
P	37" (943mm)

* Total weight of unit

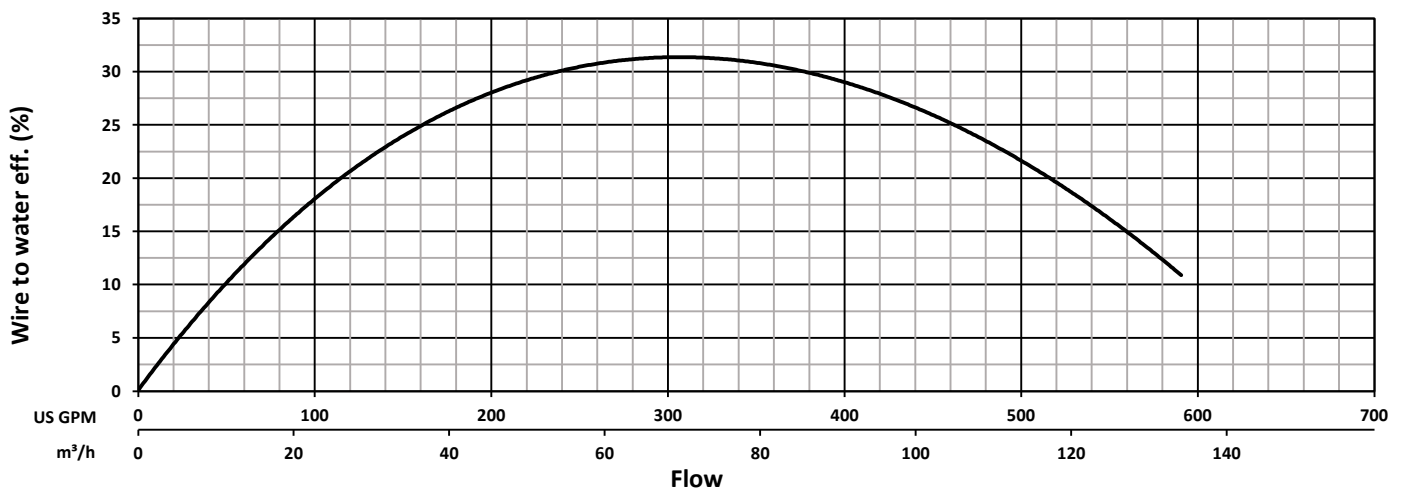
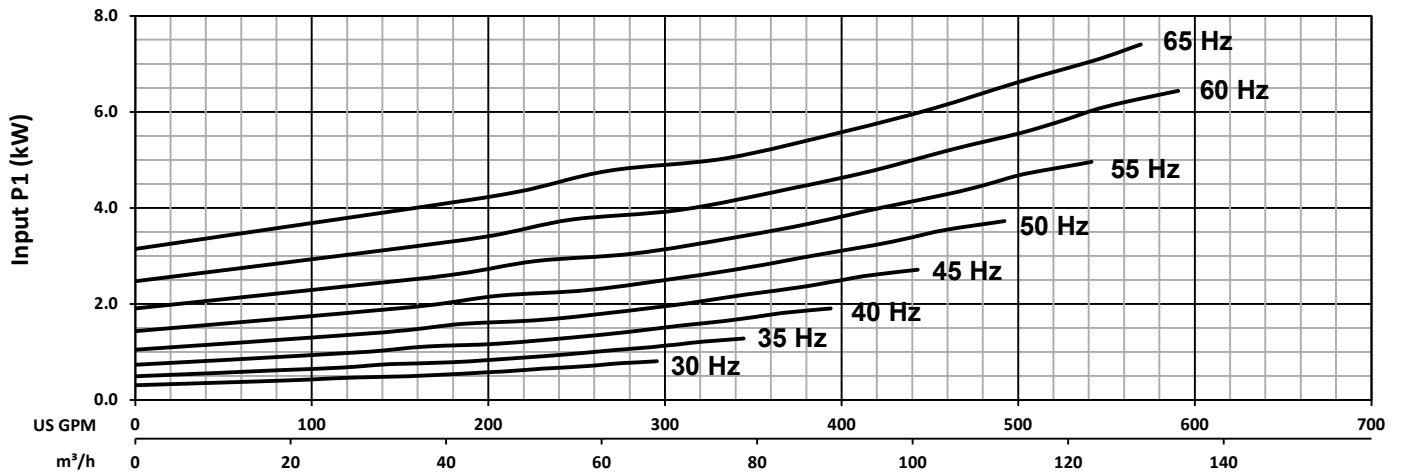
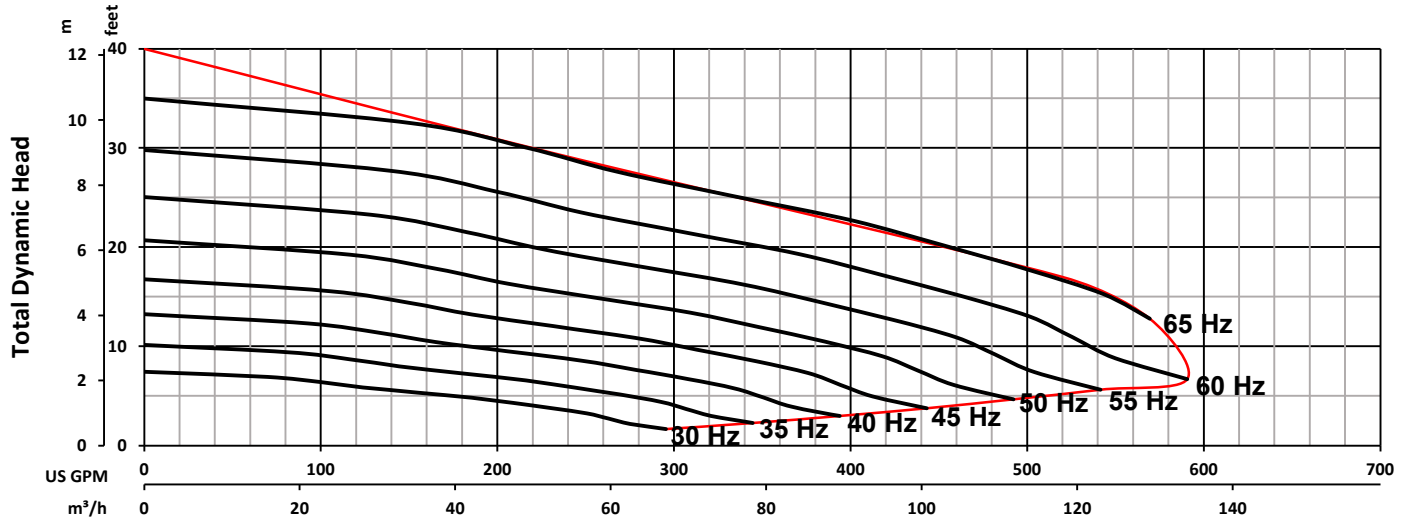



PERFORMANCE CURVE OW101-6VV VX 3kW



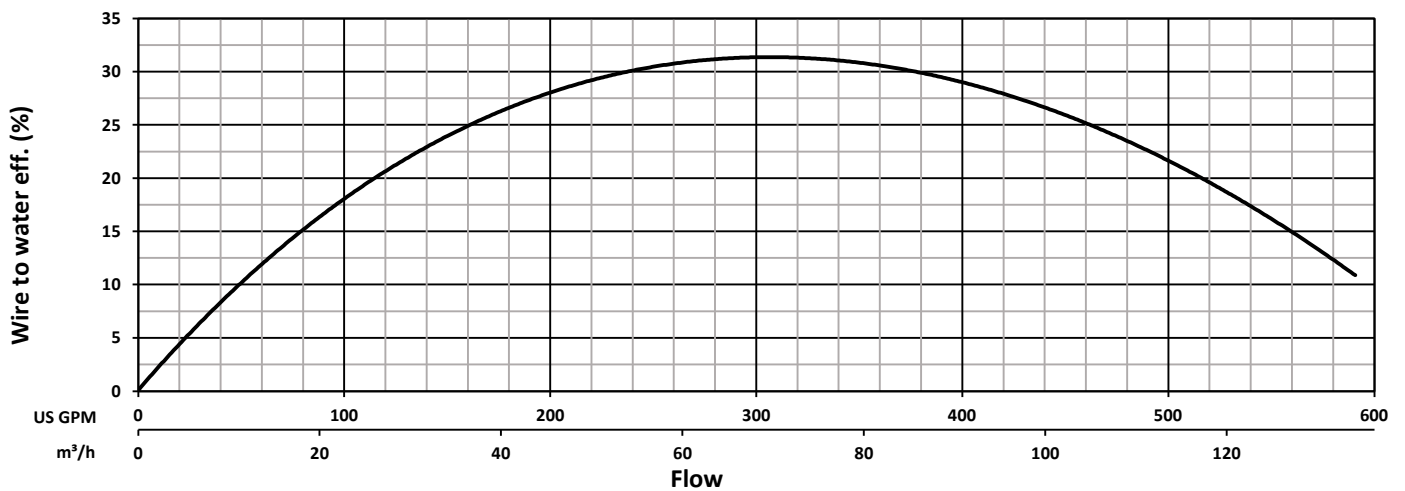
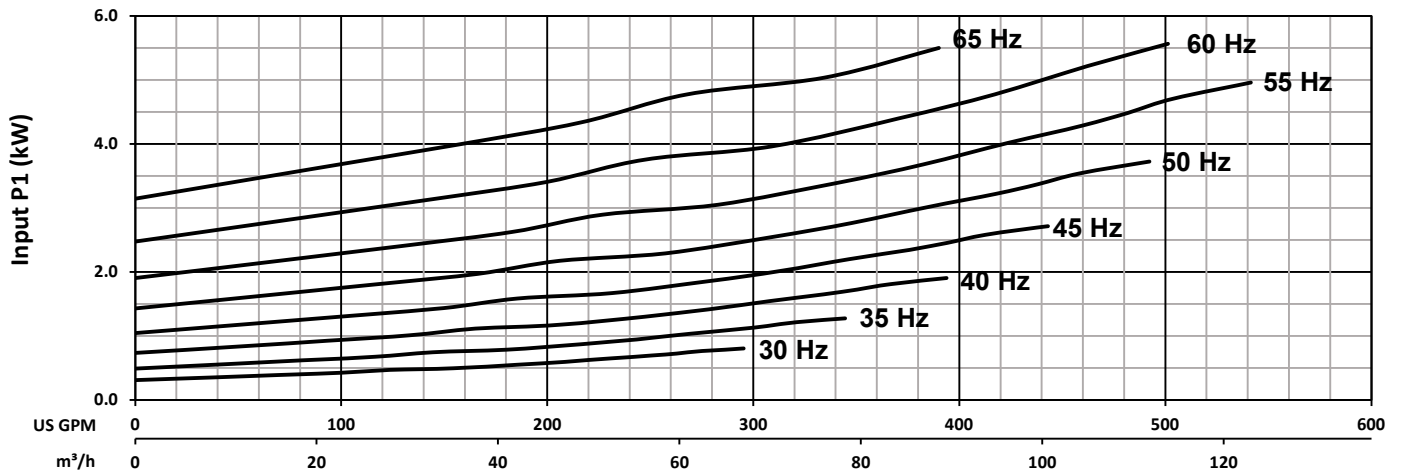
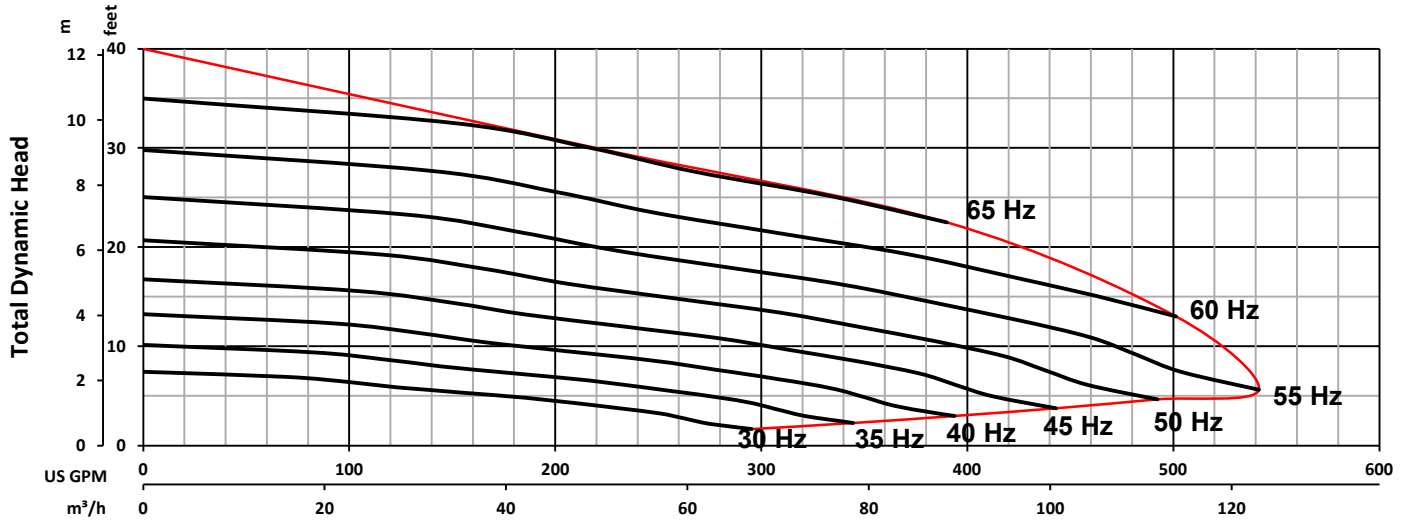
 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE OW101-6VV VX 3kW			DS-A50-189		
	Tested with clean water Test Standard : HI 11.6 Gr 3B	Model	OW101-6VV		Rev -- SCID	
		Motor	3kW / 4HP	Poles	6	Date 3/22/2021
		Impeller Ø	200x50x30mm	Specifications subject to change without notice		


PERFORMANCE CURVE OW101-6VV VX 5.5kW



 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE OW101-6VV VX 5.5kW			DS-A50-188	
	Tested with clean water Test Standard : HI 11.6 Gr 3B	Model	OW101-6VV		Rev -- SCID
		Motor	5.5kW / 7.4HP	Poles 6	Date 3/22/2021
		Impeller Ø	200x50x30mm	Specifications subject to change without notice	

PERFORMANCE CURVE OW101-6VV VX 4kW



 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE OW101-6VV VX 4kW			DS-A50-023			
	Tested with clean water Test Standard : HI 11.6 Gr 3B	Model	OW101-6VV		Rev	1 SCID	
		Motor	4kW / 5.4HP	Poles	6	Date	3/22/2021
		Impeller Ø	200x50x30mm	Specifications subject to change without notice			