

**DESIGN / CONSTRUCTION**

Body	304L SS
External Hardware	304L SS
Gaskets	Buna-N
Motor Body	Cast Iron
Shaft Seal	Single Mechanical Seal
Impeller	165mm Vortex Impeller
Maximum Solid Size \varnothing	3.0" (76.2mm)

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%

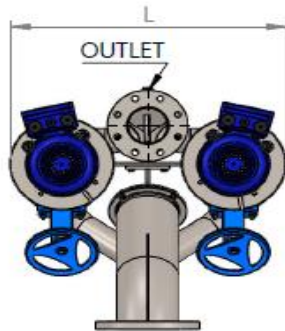
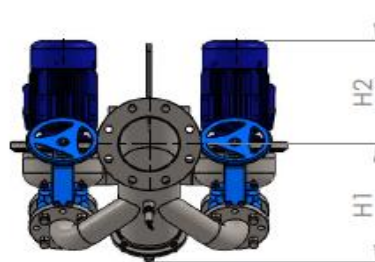
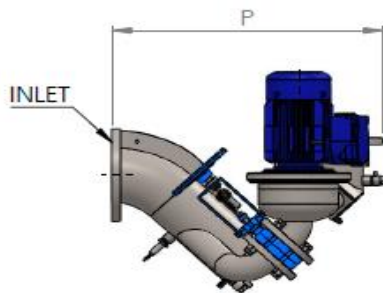
MOTOR DATA

Rated Power	230V FLA	460V FLA	575V FLA	Weight *
4kW / 5.4HP	15.6	7.8	6.2	309lb (140kg)
5.5kW / 7.4HP	20.8	10.4	8.3	379lb (172kg)
7.5kW / 10.1HP	28.2	14.1	11.3	423lb (192kg)

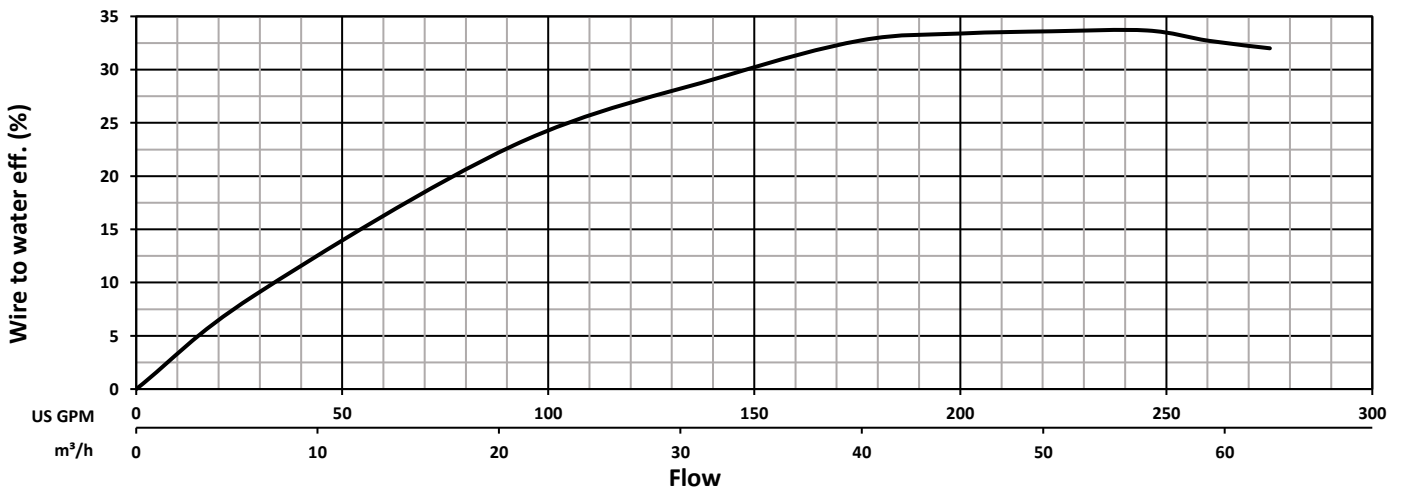
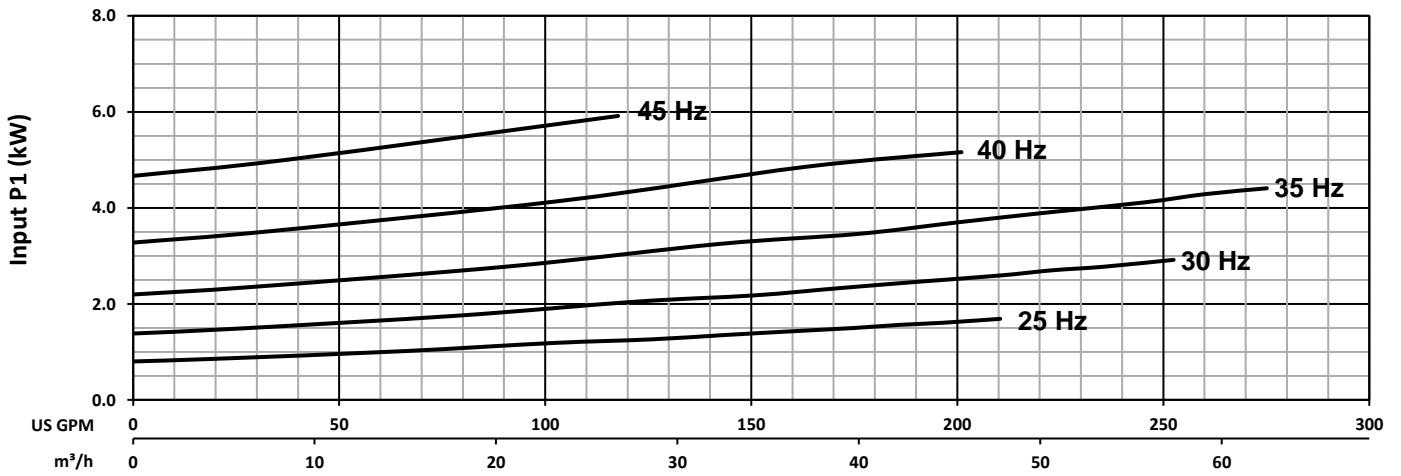
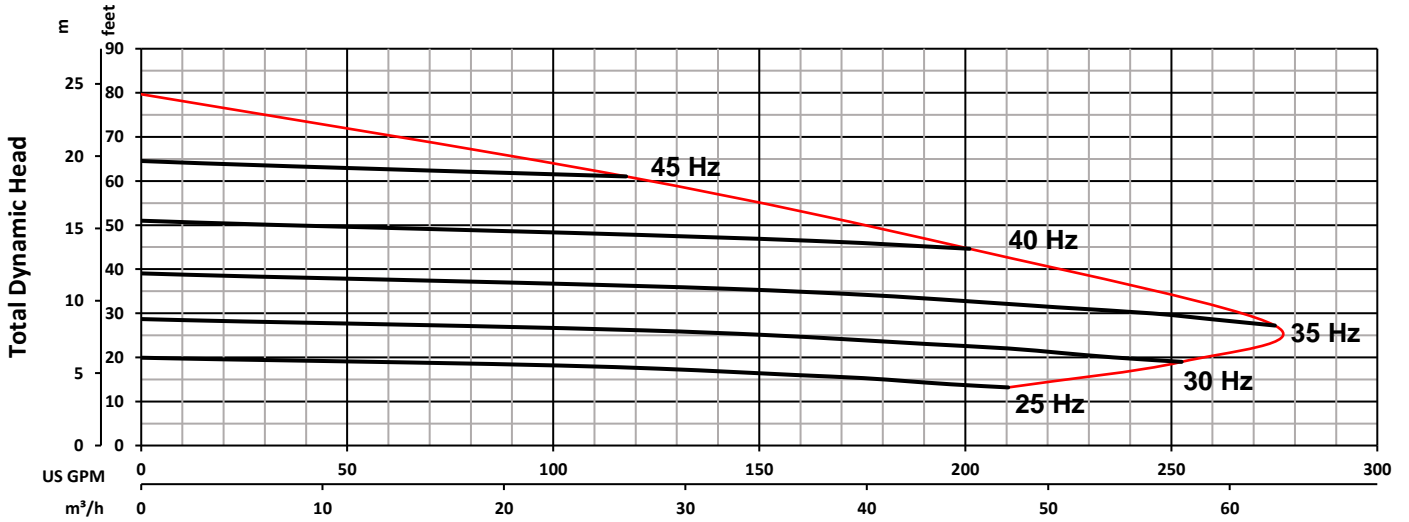
DIMENSIONS (largest motor)


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

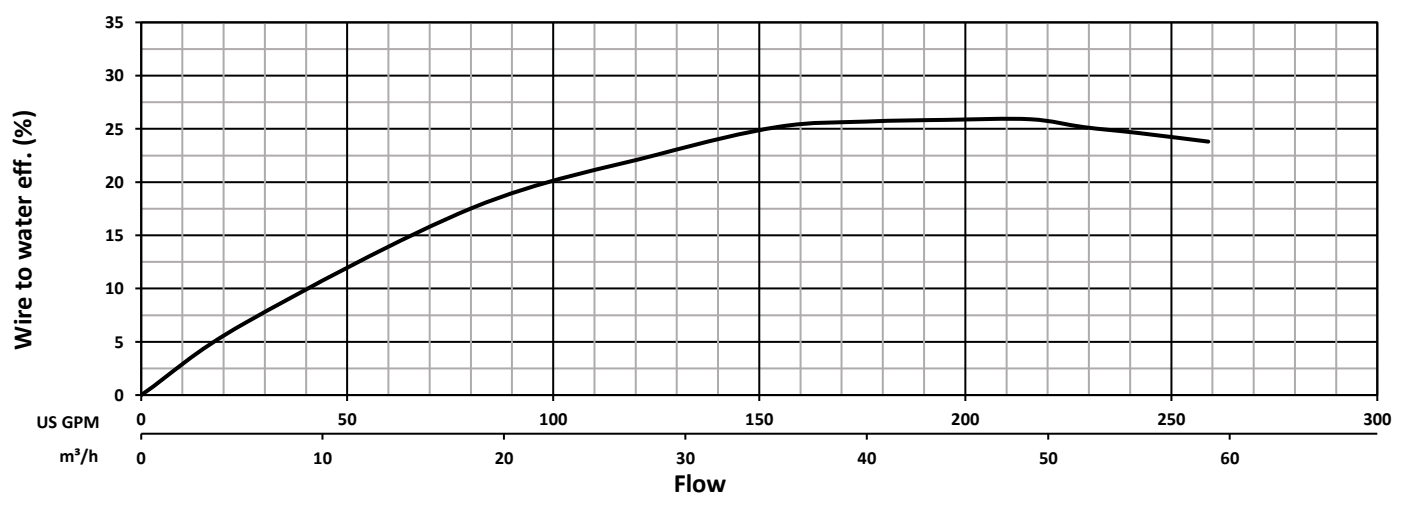
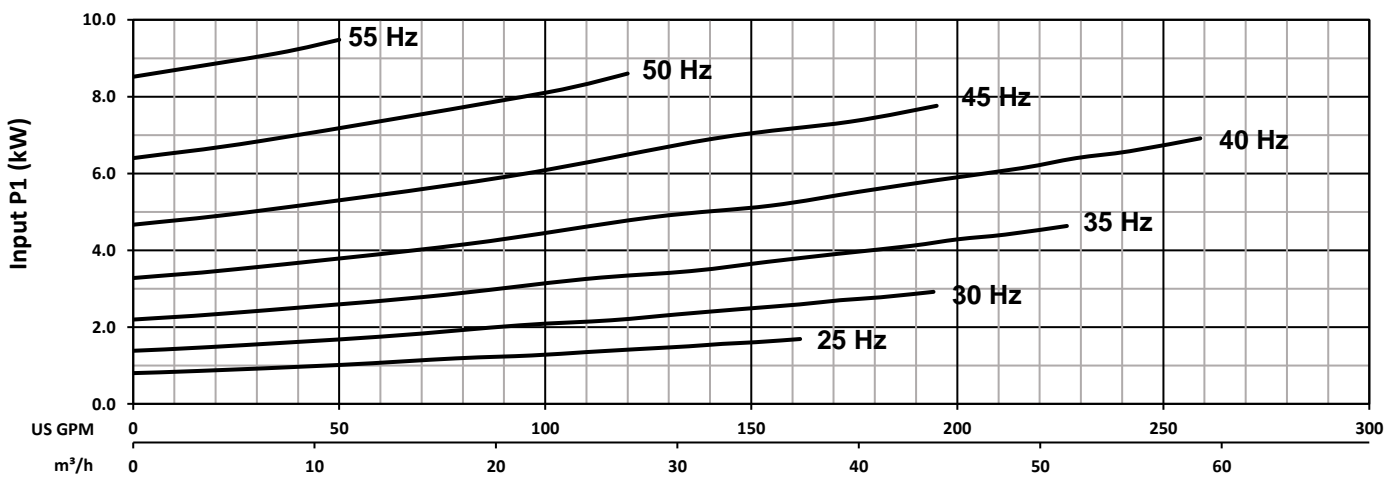
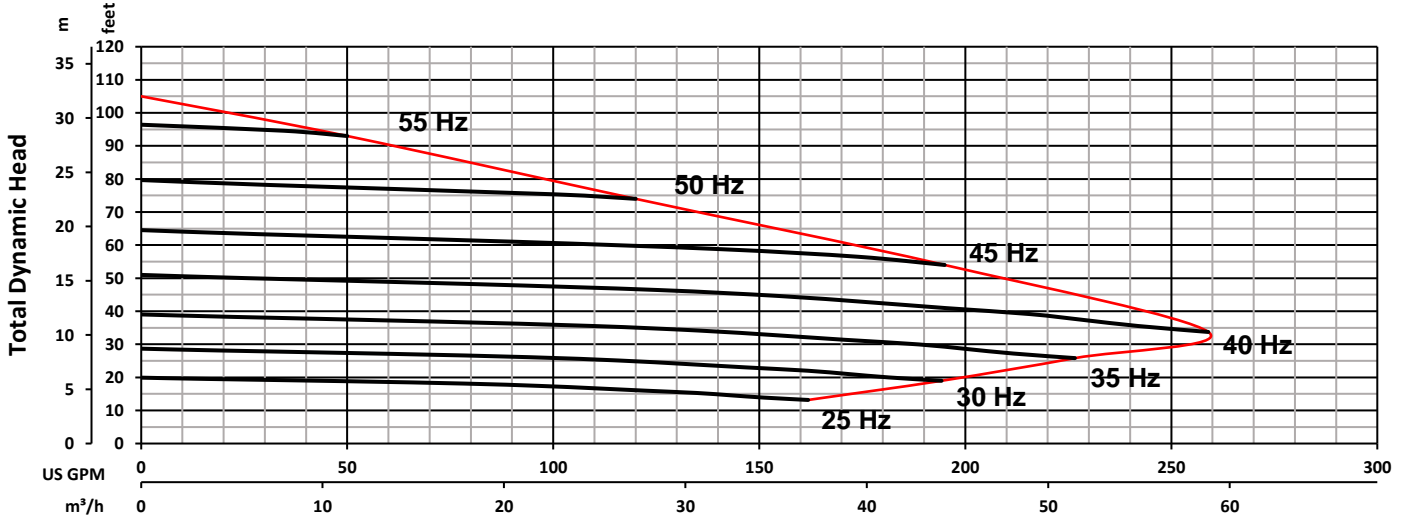



PERFORMANCE CURVE OW31-2VV VX 5.5kW



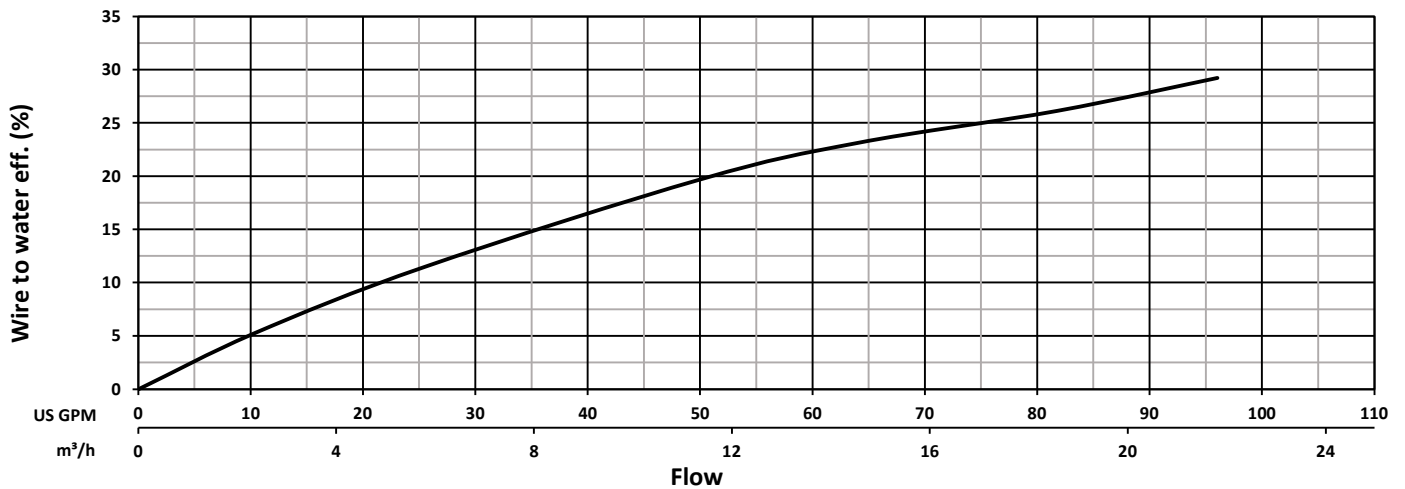
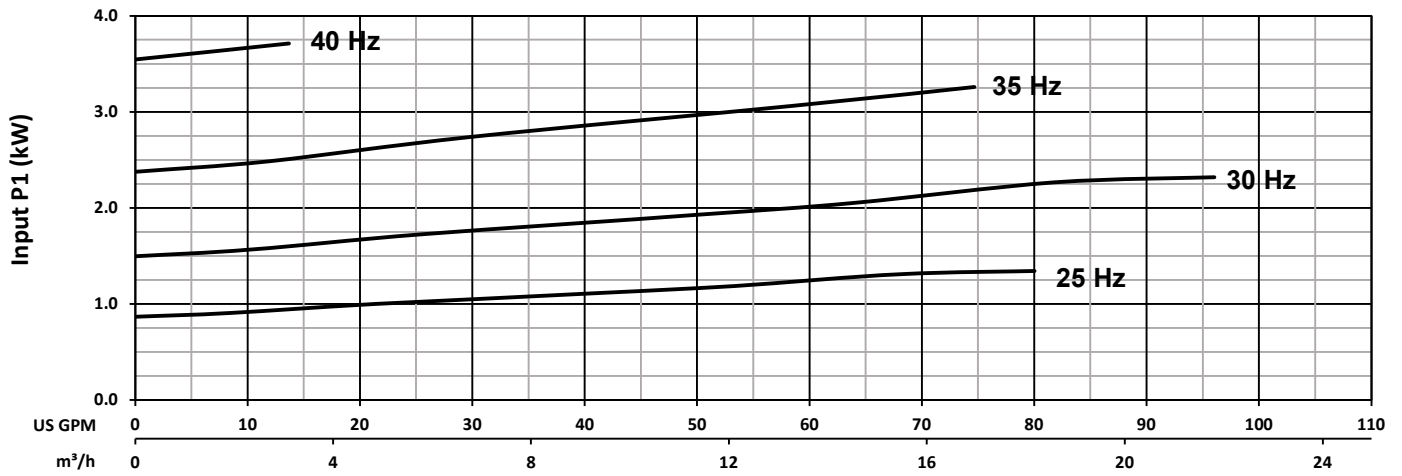
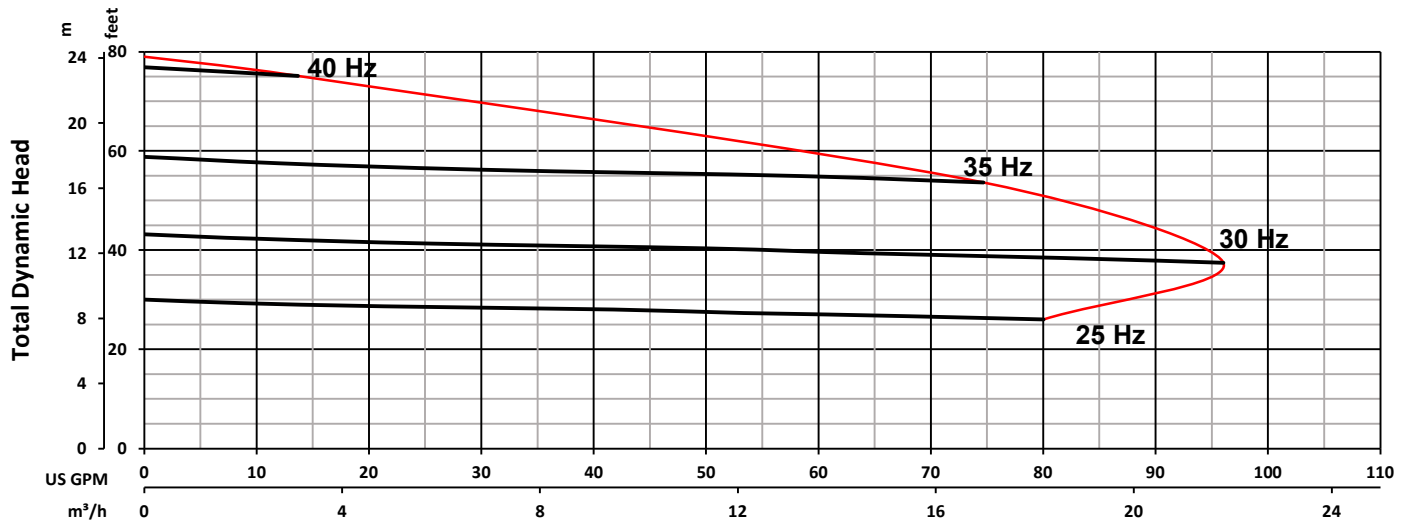
 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE OW31-2VV VX 5.5kW			DS-A50-176
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	OW31-2VV
			Motor	5.5kW / 7.4HP
			Impeller Ø	130x40x20mm


PERFORMANCE CURVE OW31-2VV VX 7.5kW



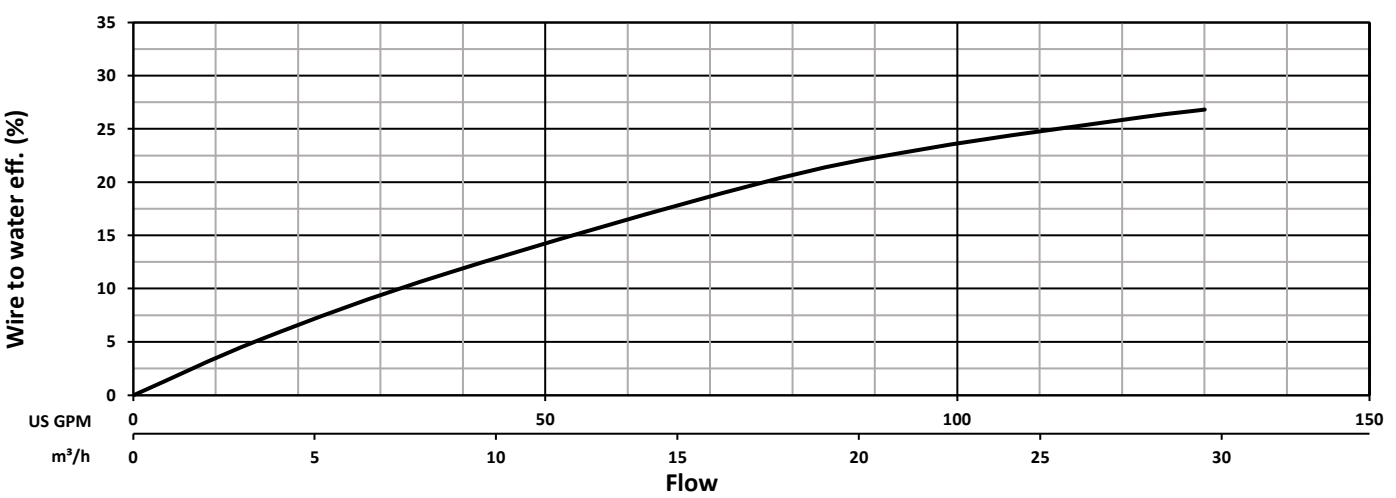
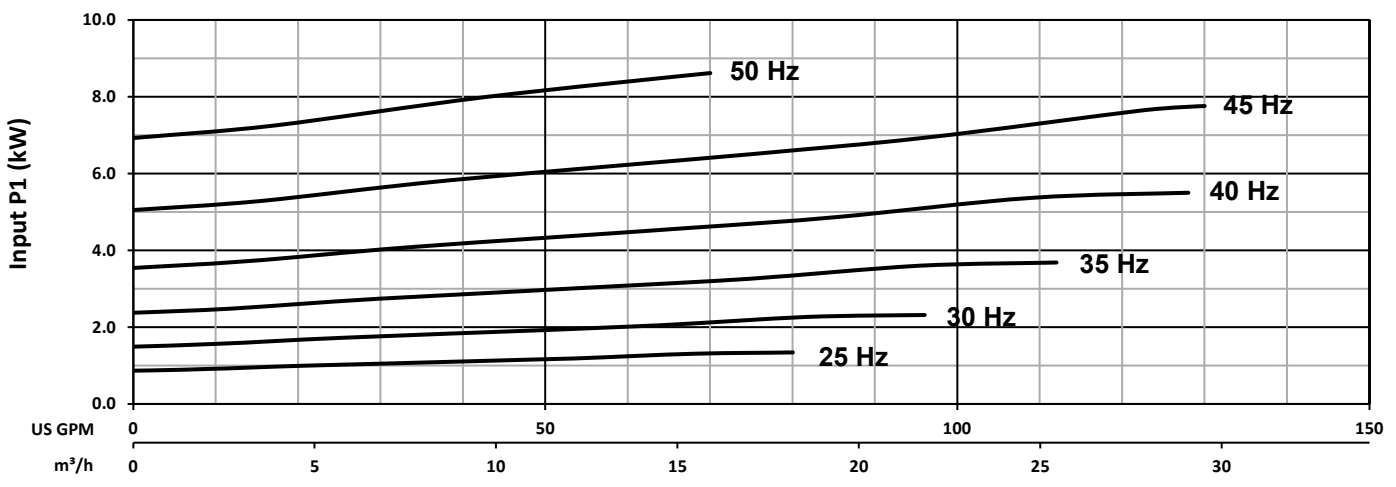
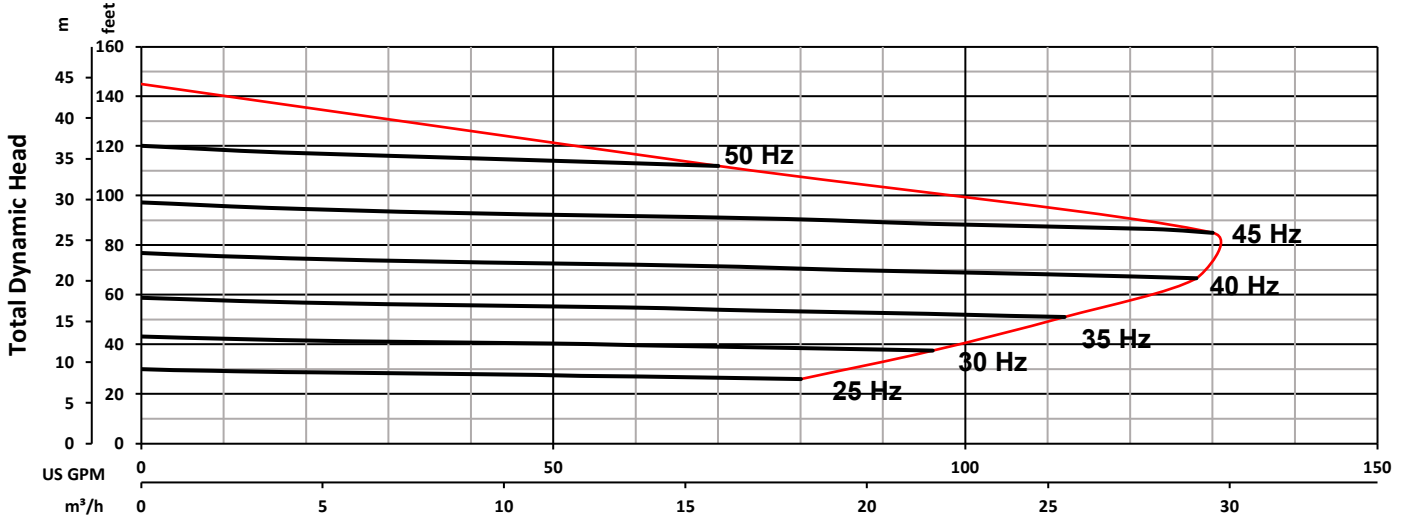
 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE OW31-2VV VX 7.5kW			DS-A50-166
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	OW31-2VV
			Motor	7.5kW / 10.1HP
			Poles	2
		Impeller Ø	130x40x20mm	Specifications subject to change without notice
				Rev 2 SCID
				Date 4/27/2022


PERFORMANCE CURVE OW31-2VV VX 4kW



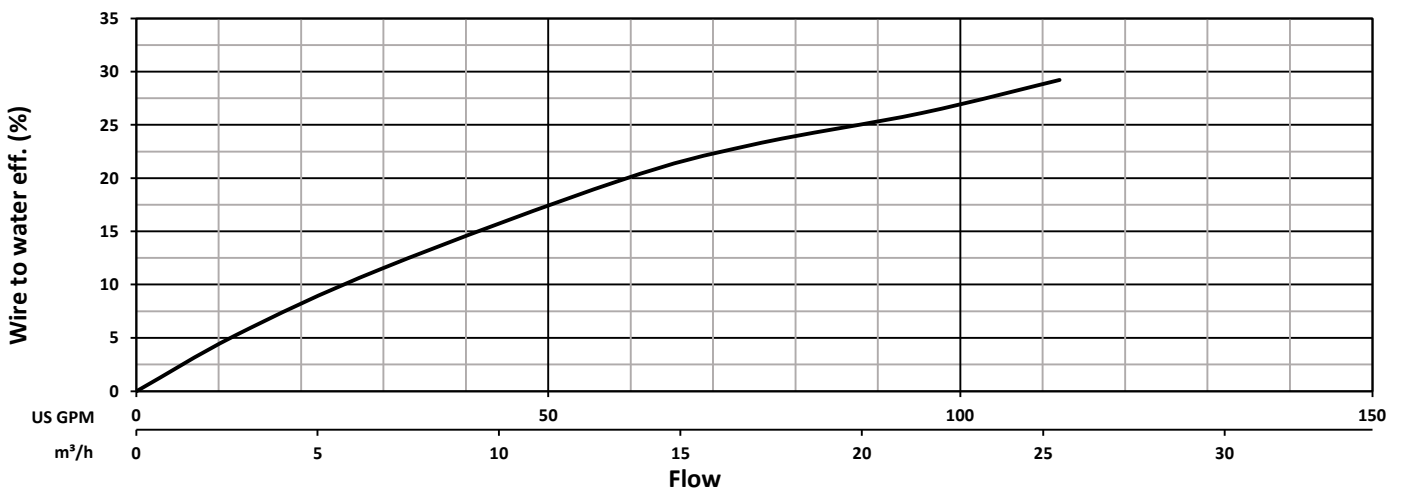
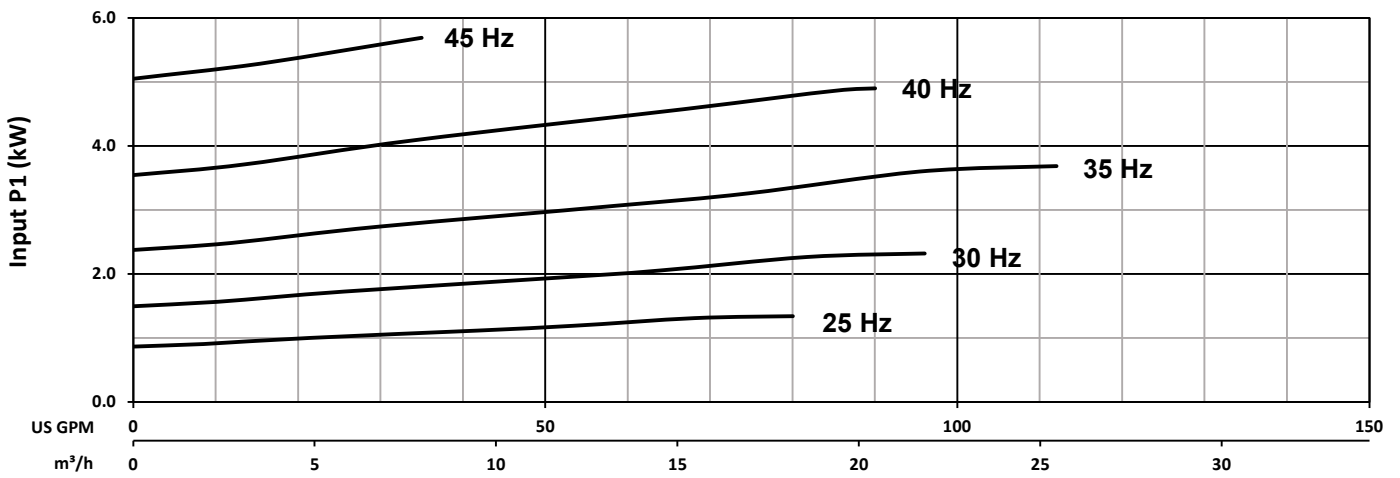
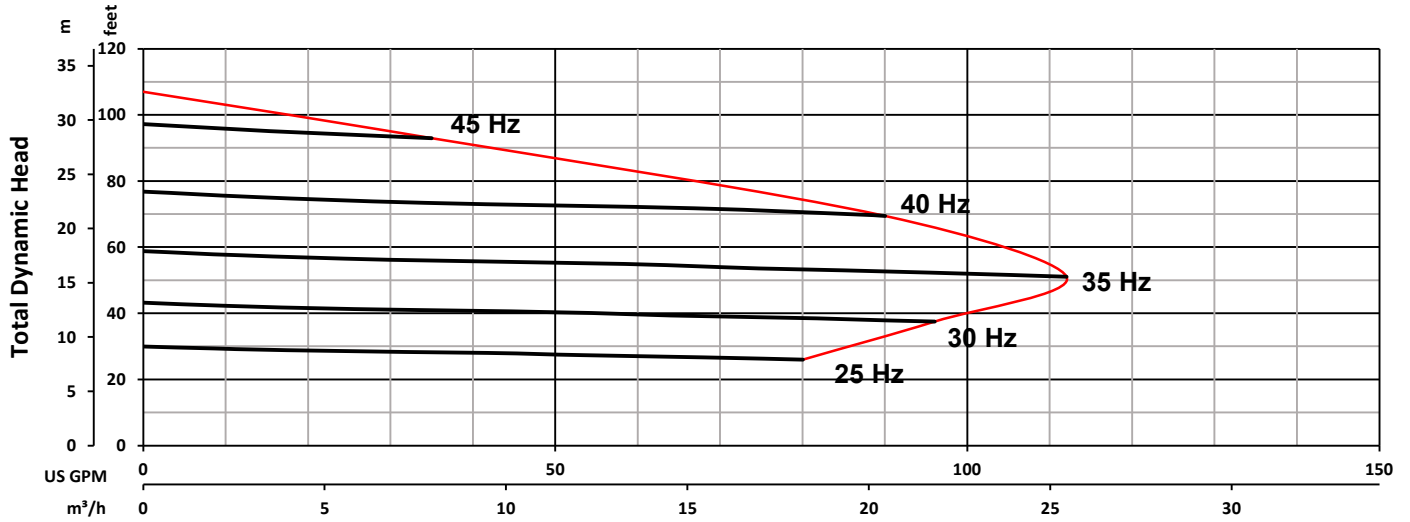
 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE OW31-2VV VX 4kW			DS-A50-007	
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	OW31-2VV	
			Motor	4kW / 5.4HP	Poles
			Impeller Ø	165x30x15mm	Specifications subject to change without notice
				Rev	3 SCID
				Date	3/15/2021


PERFORMANCE CURVE OW31-2VV VX 7.5kW



 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE OW31-2VV VX 7.5kW			DS-A50-008	
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	OW31-2VV	
			Motor	7.5kW / 10.1HP	Poles 2
			Impeller Ø	165x30x15mm	Specifications subject to change without notice Rev 2 SCID Date 3/15/2021

PERFORMANCE CURVE OW31-2VV VX 5.5kW



 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE OW31-2VV VX 5.5kW			DS-A50-007
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	OW31-2VV
			Motor	5.5kW / 7.4HP
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Impeller Ø	165x30x15mm

Rev	3	SCID
Date	3/15/2021	