



**DESIGN / CONSTRUCTION**

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

**MOTOR SPECIFICATIONS**

<b>Motor Design</b>	4-Pole, 3-Phase Squirrel-Cage Motor 50Hz/60Hz
<b>Motor Type</b>	TEFC, IP67
<b>Insulation Class</b>	Class F
<b>Motor Protection</b>	Protected by VFD
<b>Service Factor</b>	1.15
<b>Maximum Ambient Temp.</b>	104°F (40°C)
<b>Voltage Tolerance</b>	±10%

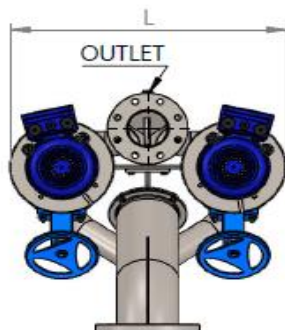
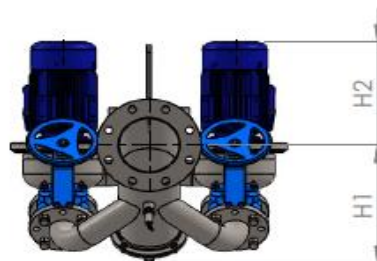
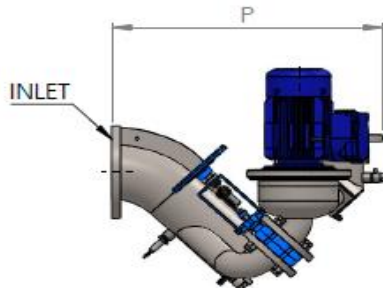
**MOTOR DATA**

Rated Power	230V FLA	460V FLA	575V FLA	Weight *
2.2kW / 3HP	9.4	4.7	3.8	190lb (87kg)
3kW / 4HP	13	6.5	5.2	227lb (103kg)
4kW / 5.4HP	16.6	8.3	6.6	258lb (117kg)

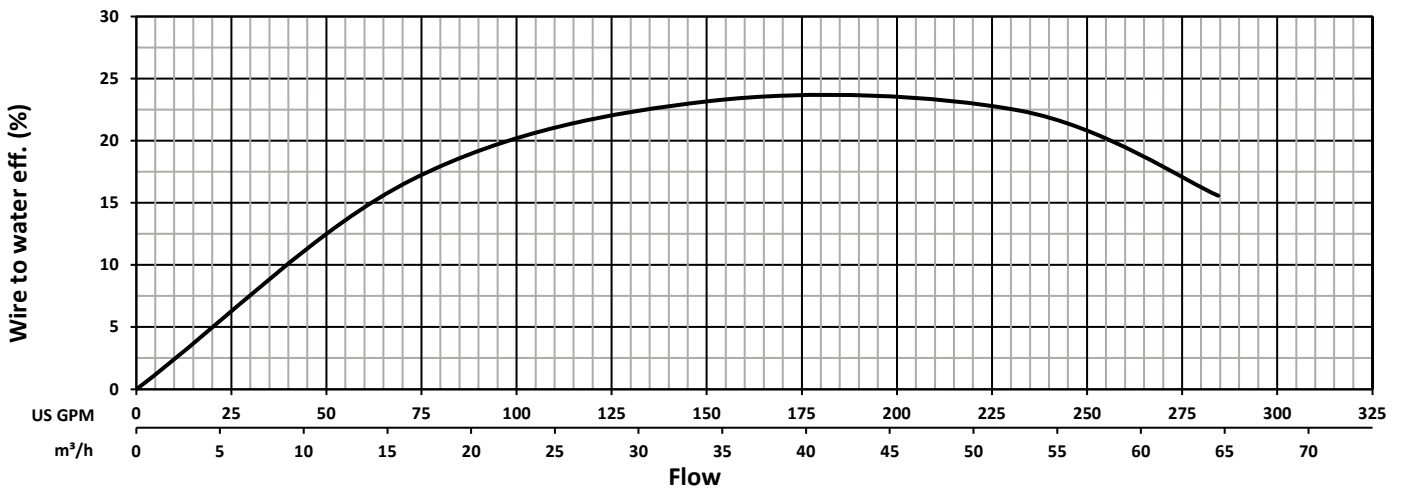
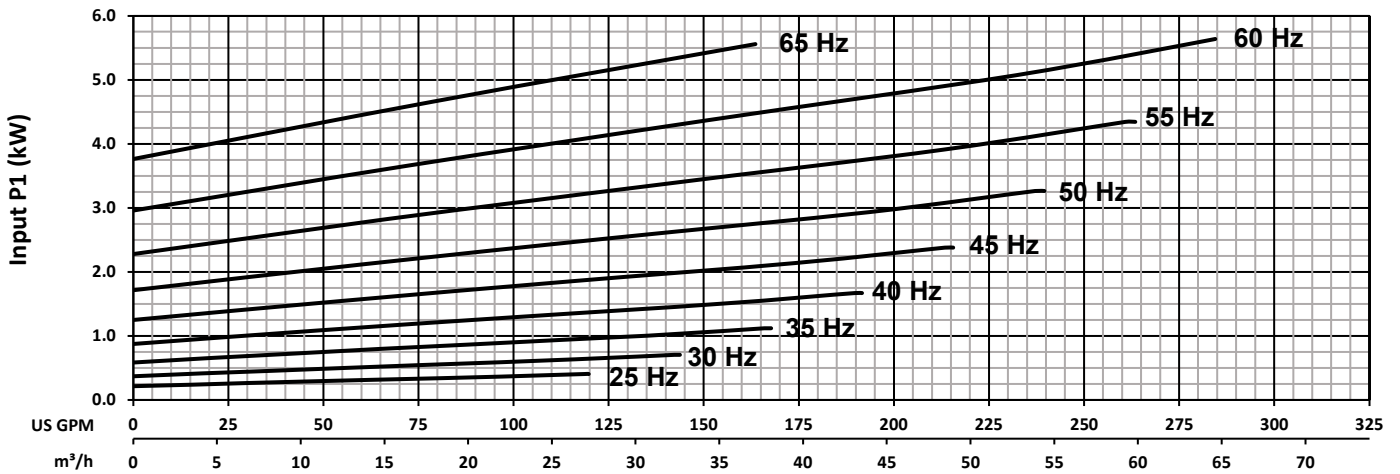
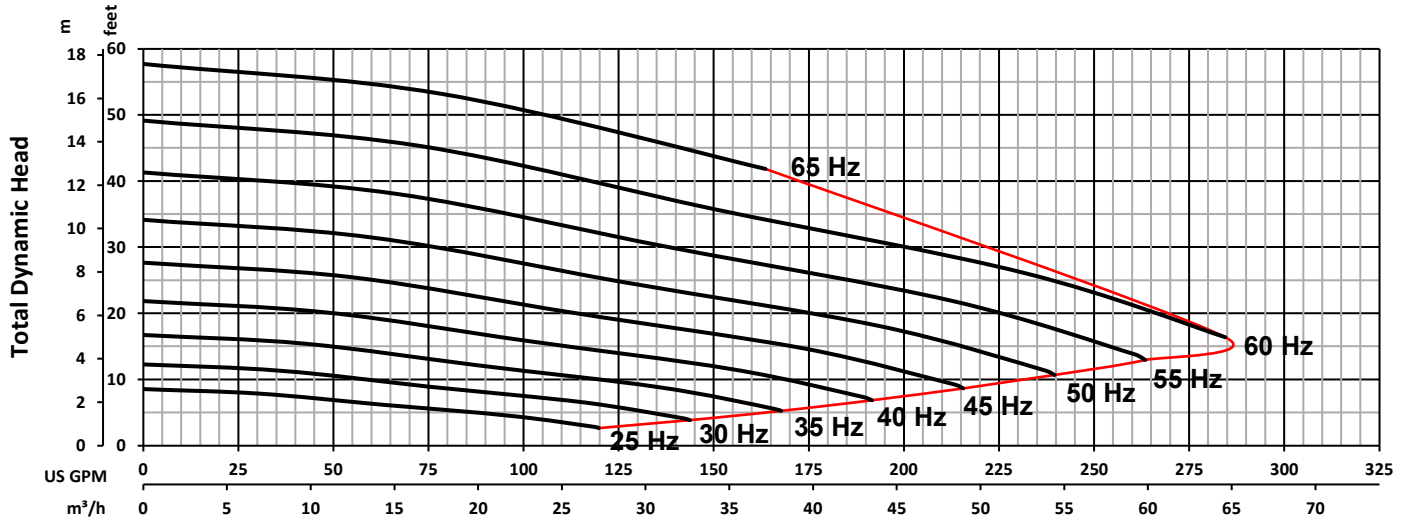
**DIMENSIONS (largest motor)**


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

\* Total weight of unit

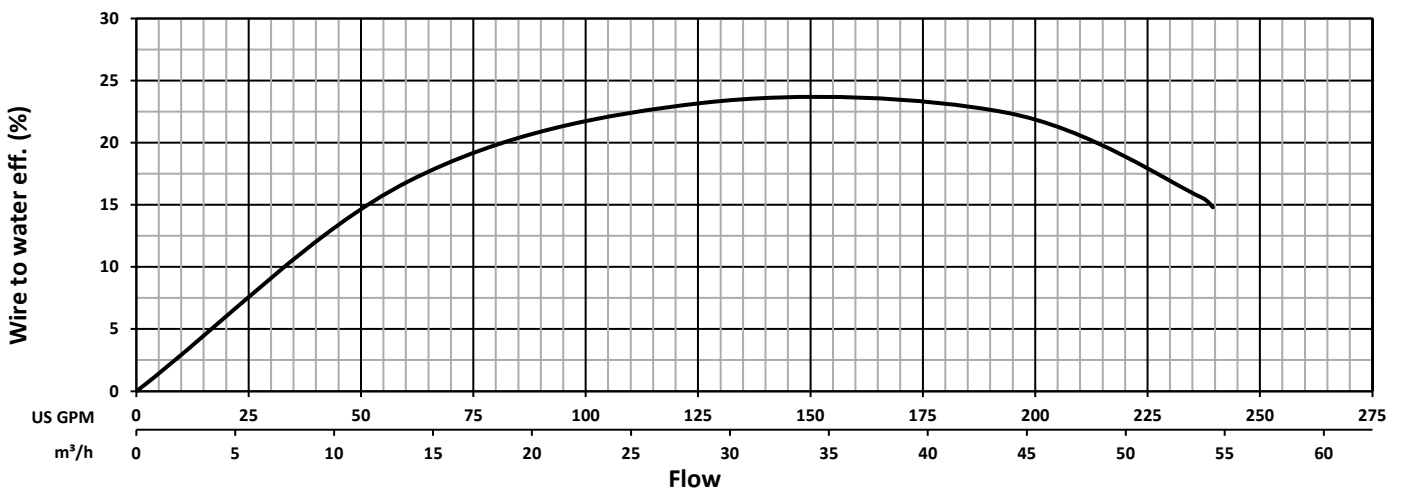
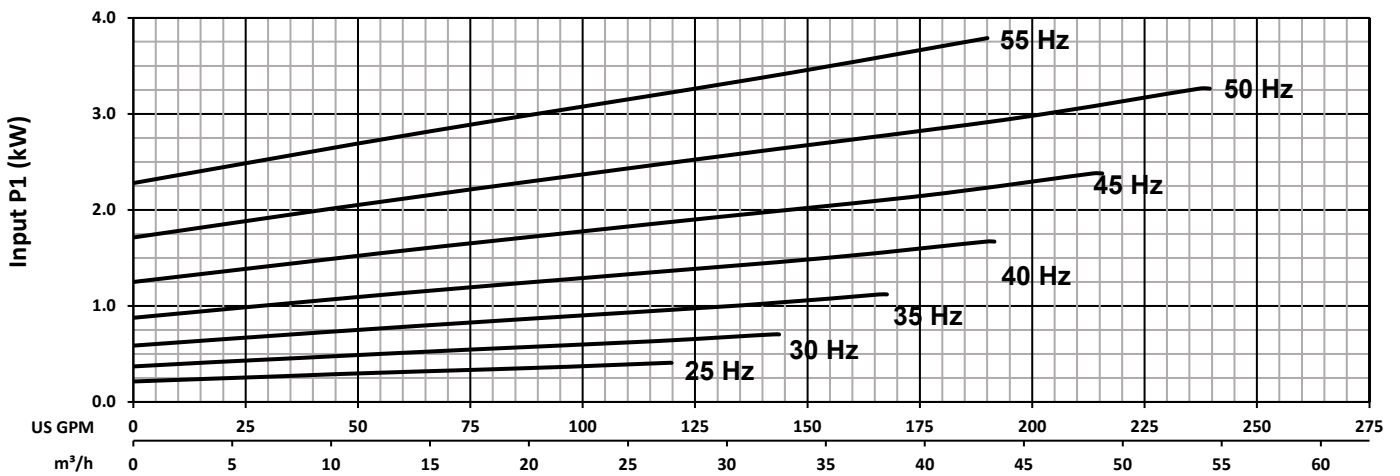
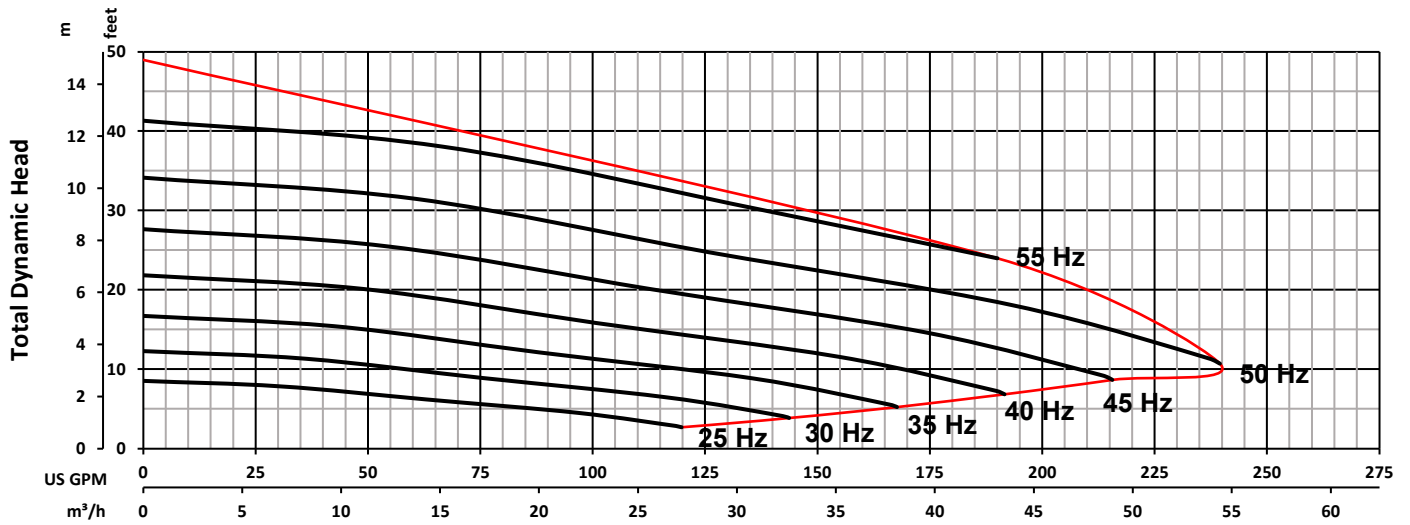



# PERFORMANCE CURVE OW21-4VV DC 4kW



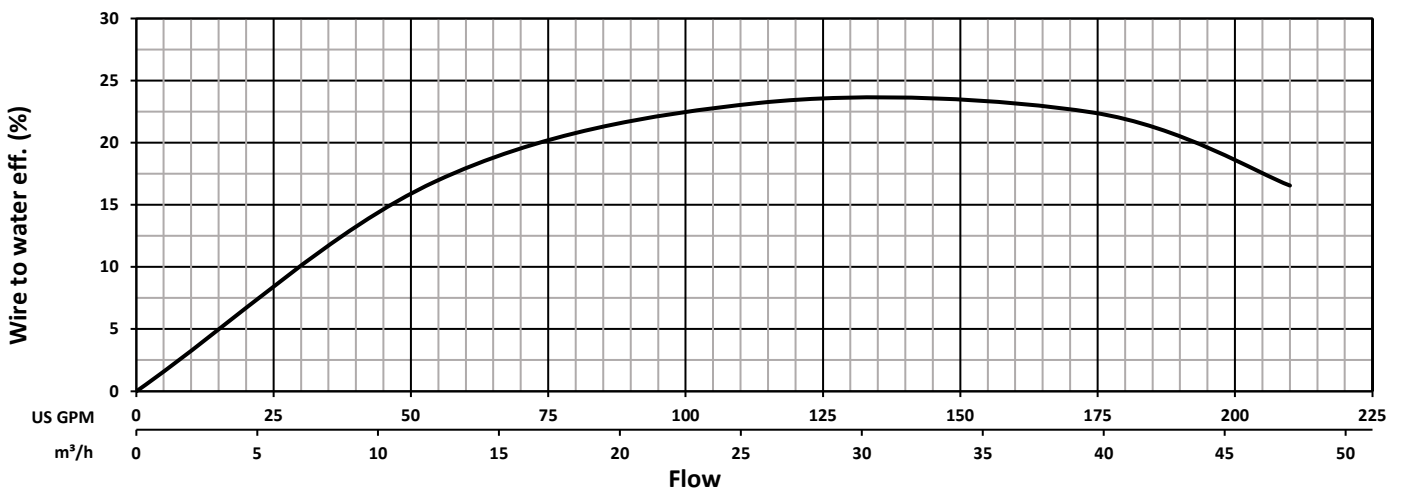
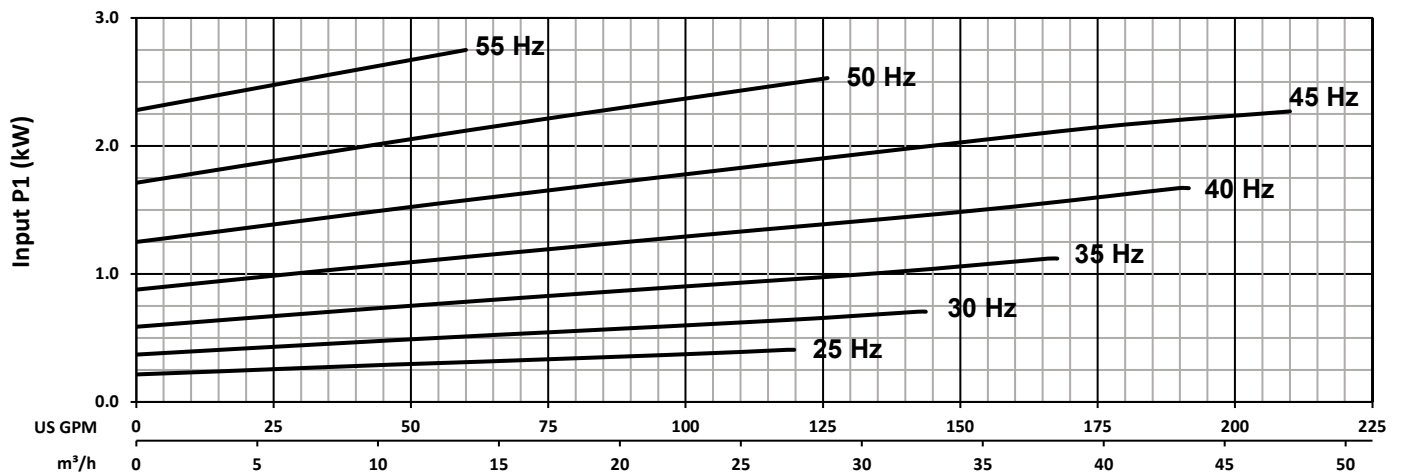
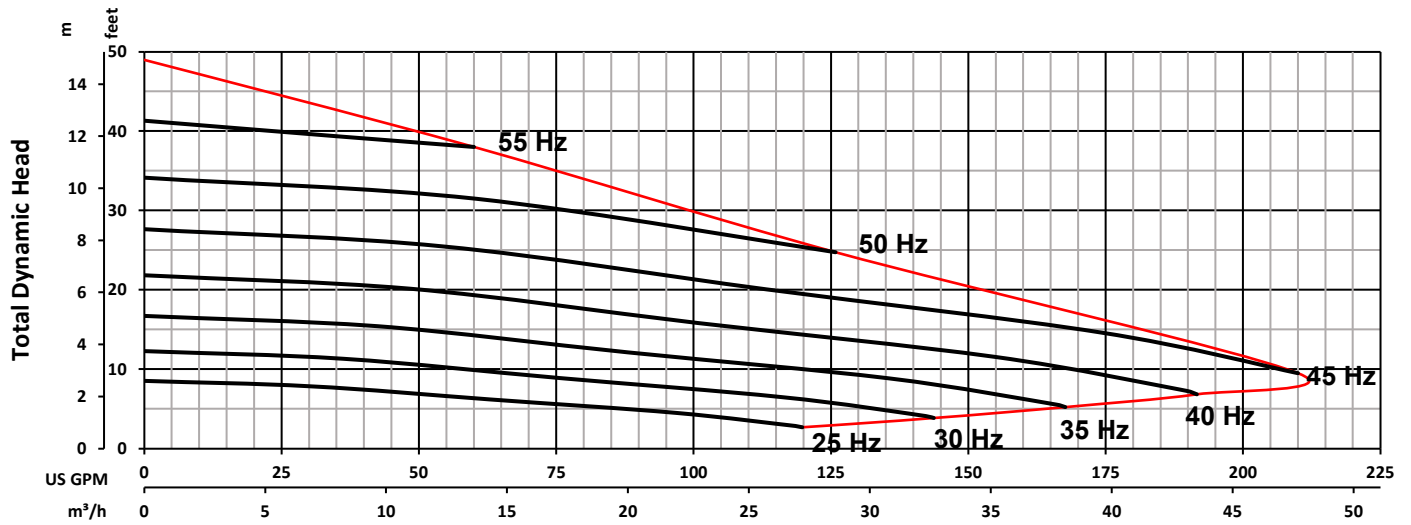
 <b>INDUSTRIAL FLOW SOLUTIONS</b>	<b>PERFORMANCE CURVE OW21-4VV DC 4kW</b>			<b>DS-A50-226</b>		
	Tested with clean water Test Standard : HI 11.6 Gr 3B	<b>Model</b>	<b>OW21-4VV</b>		<b>Rev</b> -- STIC	
		<b>Motor</b>	4kW / 5.4HP	<b>Poles</b>	4	<b>Date</b> 9/29/2021
		<b>Impeller Ø</b>	165x40mm	Specifications subject to change without notice		


# PERFORMANCE CURVE OW21-4VV DC 3kW



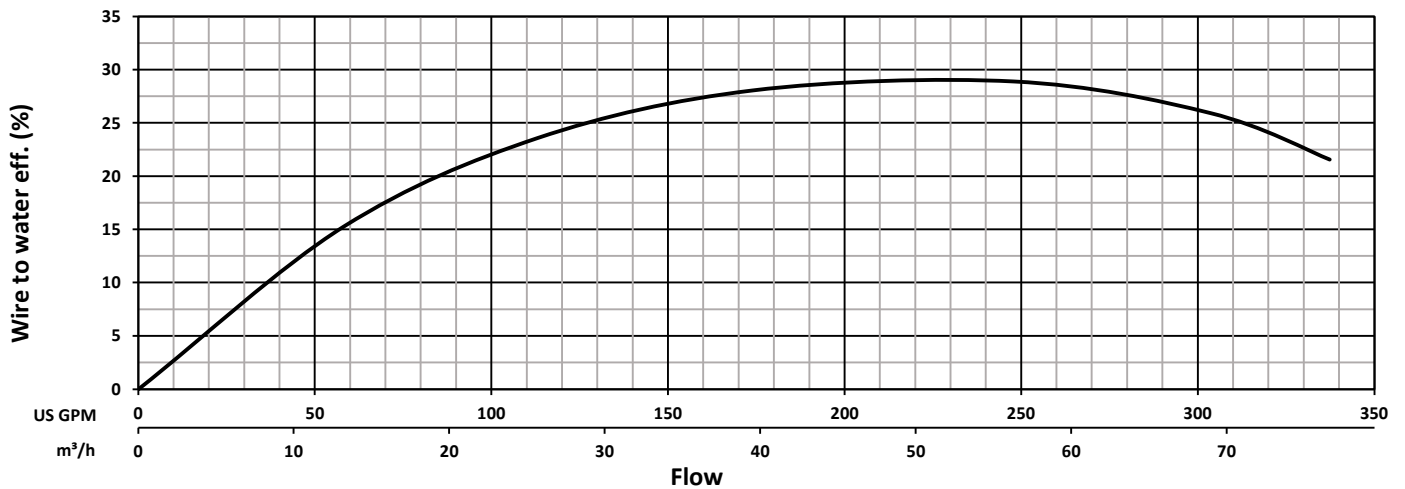
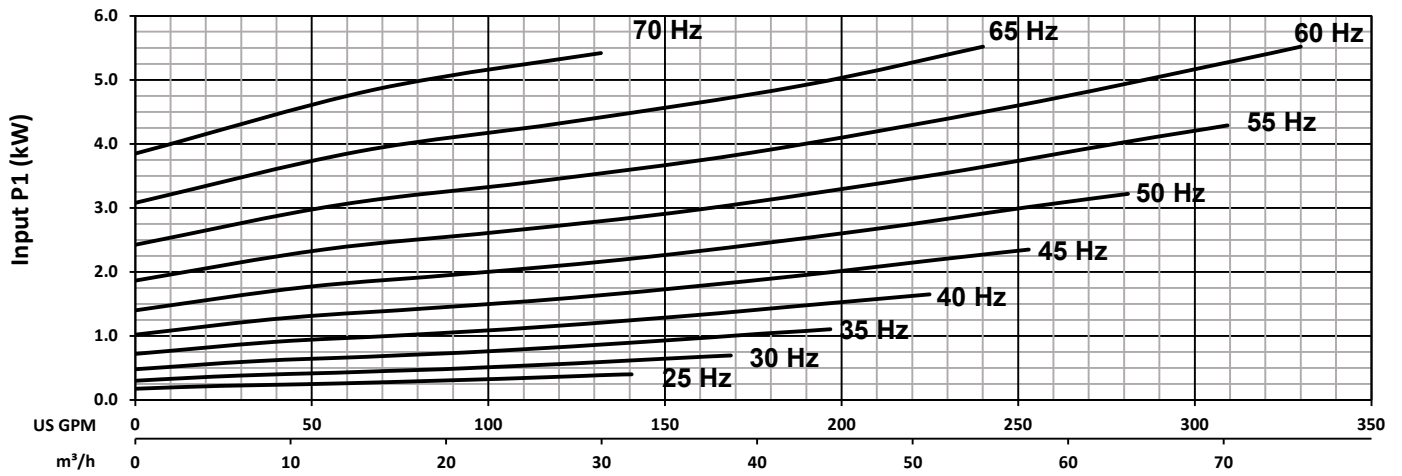
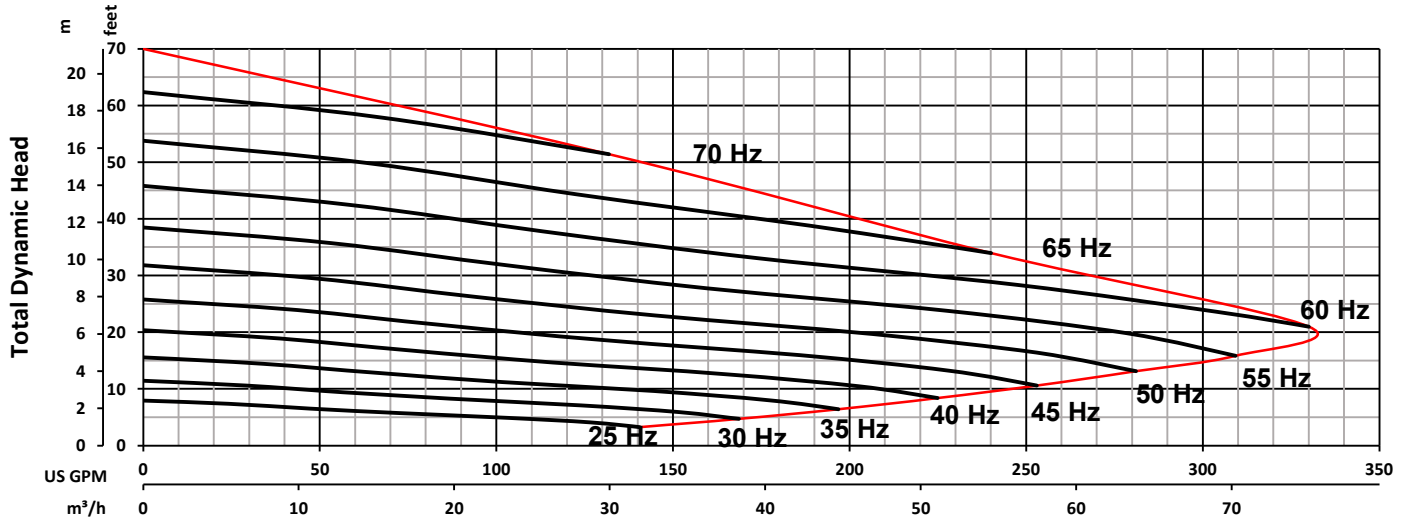
 <b>INDUSTRIAL FLOW SOLUTIONS</b>	<b>PERFORMANCE CURVE OW21-4VV DC 3kW</b>			<b>DS-A50-220</b>	
	Tested with clean water Test Standard : HI 11.6 Gr 3B		<b>Model</b>	<b>OW21-4VV</b>	
			<b>Motor</b>	3kW / 4HP	<b>Poles</b>
			<b>Impeller Ø</b>	165x40mm	Specifications subject to change without notice
				<b>Rev</b>	-- STIC
				<b>Date</b>	4/30/2021


# PERFORMANCE CURVE OW21-4VV DC 2.2kW



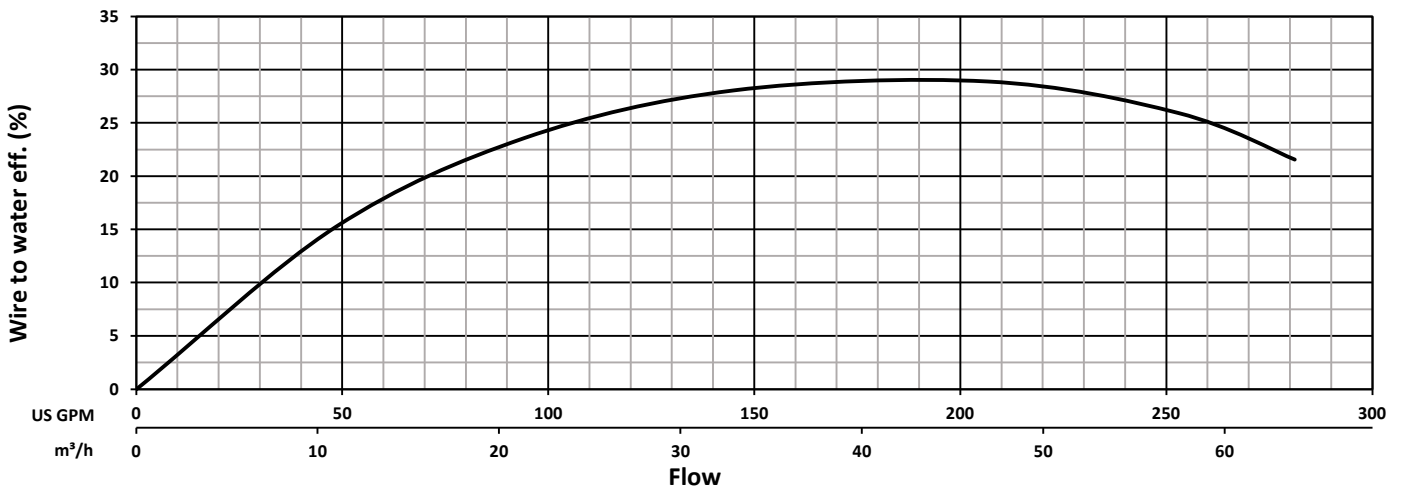
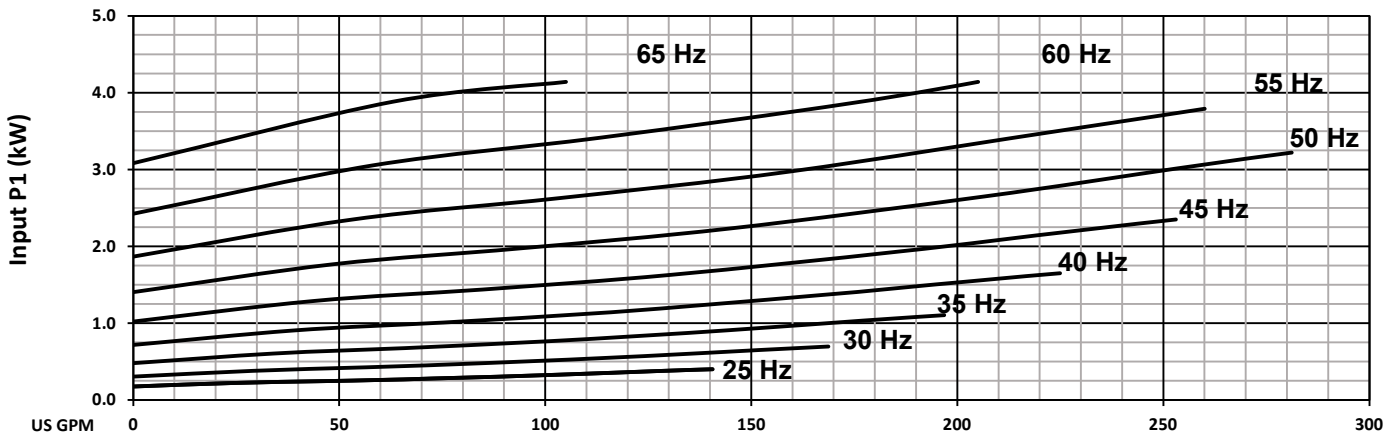
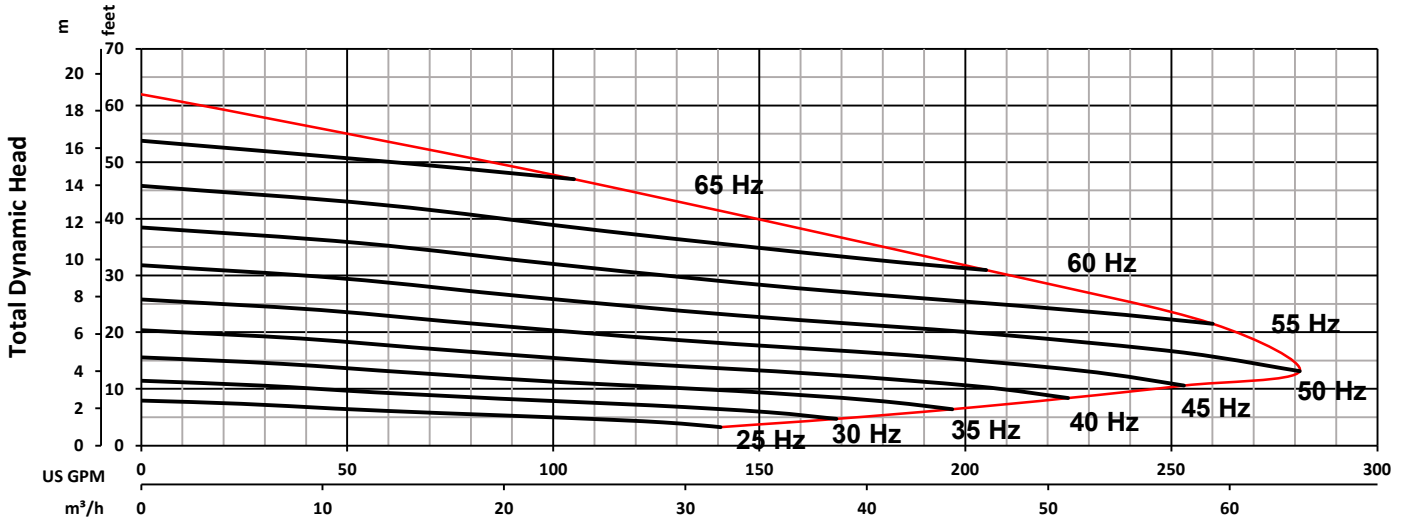
 <b>INDUSTRIAL FLOW SOLUTIONS</b>	<b>PERFORMANCE CURVE OW21-4VV DC 2.2kW</b>			<b>DS-A50-206</b>	
	Tested with clean water Test Standard : HI 11.6 Gr 3B		<b>Model</b>	<b>OW21-4VV</b>	
			<b>Motor</b>	2.2kW / 2.9HP	<b>Poles</b> 4
			<b>Impeller Ø</b>	165x40mm	
				Rev -- ST Date 4/14/2021 Specifications subject to change without notice	


# PERFORMANCE CURVE OW21-4VV VX 4kW



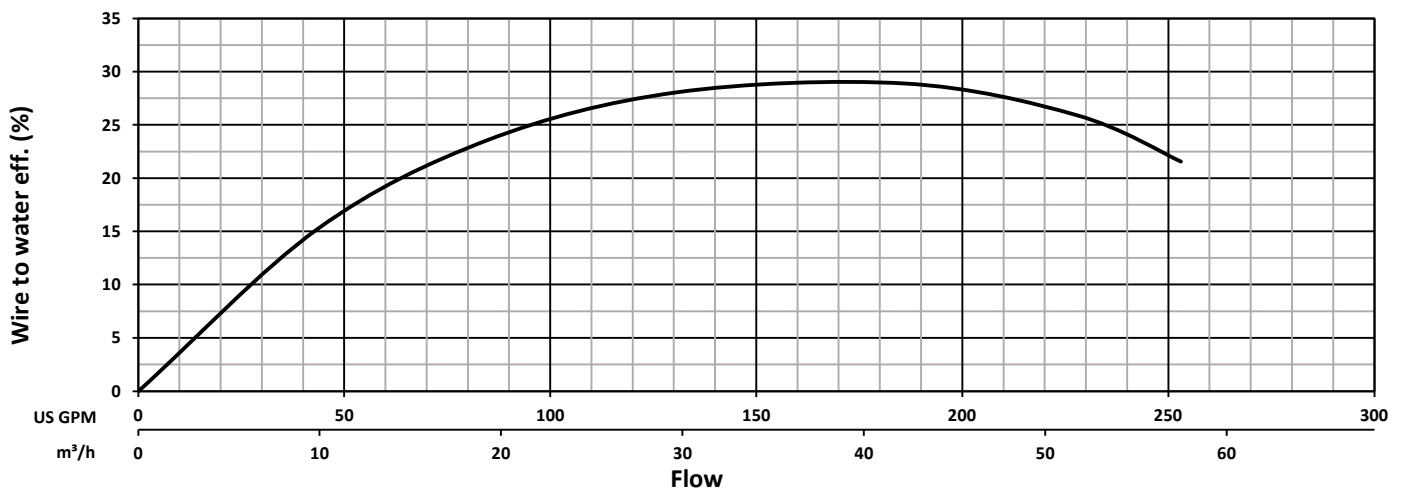
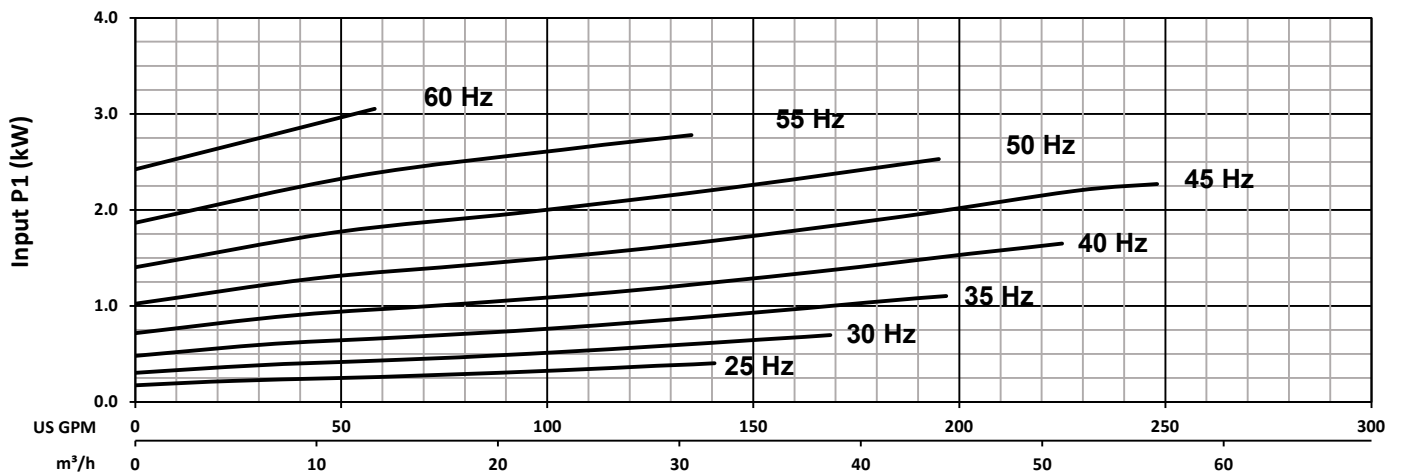
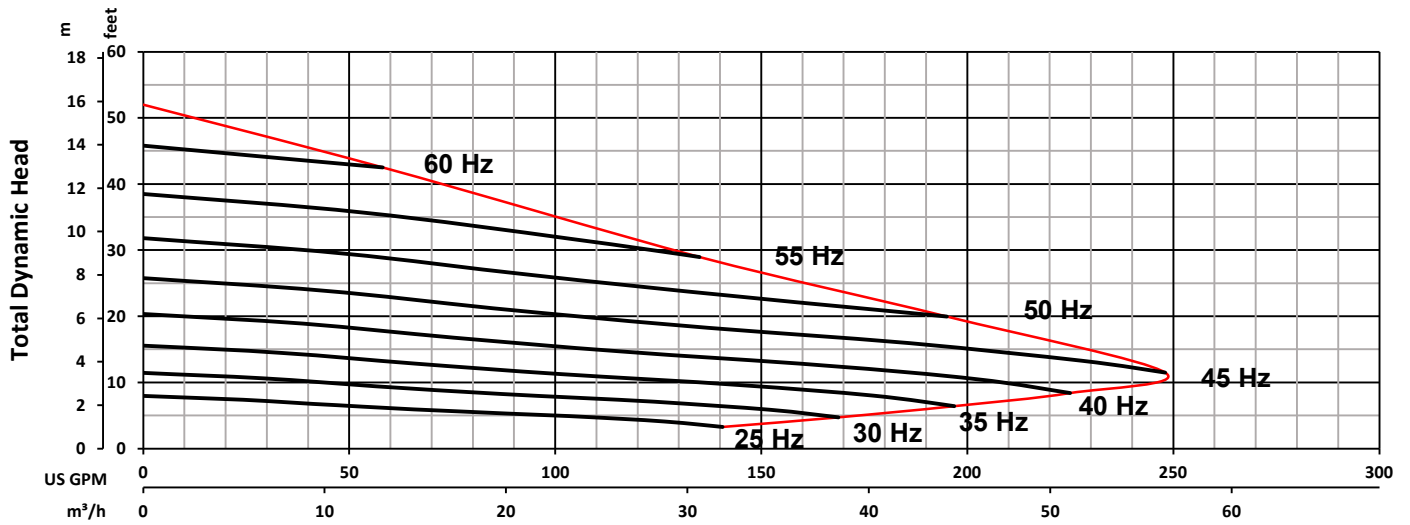
 <b>INDUSTRIAL FLOW SOLUTIONS</b>	<b>PERFORMANCE CURVE OW21-4VV VX 4kW</b>			<b>DS-A50-100</b>	
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	<b>OW21-4VV</b>	
			Motor	4kW / 5.4HP	Poles
	Impeller Ø		165x40x20mm	Specifications subject to change without notice	
				Rev	1
				Date	3/9/2021


# PERFORMANCE CURVE OW21-4VV VX 3kW



 <b>INDUSTRIAL FLOW SOLUTIONS</b>	<b>PERFORMANCE CURVE OW21-4VV VX 3kW</b>			<b>DS-A50-100</b>			
	Tested with clean water Test Standard : HI 11.6 Gr 3B	<b>Model</b>	<b>OW21-4VV</b>		<b>Rev</b>	1 SCID	
		<b>Motor</b>	3kW / 4HP	<b>Poles</b>	4	<b>Date</b>	3/9/2021
		<b>Impeller Ø</b>	165x40x20mm	Specifications subject to change without notice			

# PERFORMANCE CURVE OW21-4VV VX 2.2kW



 <b>INDUSTRIAL FLOW SOLUTIONS</b>	<b>PERFORMANCE CURVE OW21-4VV VX 2.2kW</b>			<b>DS-A50-005</b>	
	Tested with clean water Test Standard : HI 11.6 Gr 3B		<b>Model</b>	<b>OW21-4VV</b>	
			<b>Motor</b>	2.2kW / 2.9HP	<b>Poles</b> 4
			<b>Impeller Ø</b>	165x40x20mm	Specifications subject to change without notice
		<b>Rev</b> 1	<b>SCID</b>		<b>Date</b> 3/9/2021