



INDUSTRIAL FLOW  
SOLUTIONS

# TECHNICAL DATA

# OW61R/2VV

Doc #: DS-A50-078

Rev: 3

Date: 5/16/2022

## DESIGN / CONSTRUCTION

Body	304L SS
External Hardware	304L SS
Gaskets	Buna-N
Motor Body	Cast Iron
Shaft Seal	Single Mechanical Seal
Impeller	Vortex Impeller Standard (DIPCUT® or Channel optional)
Maximum Solid Size ø	3.0" (80mm)

## 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

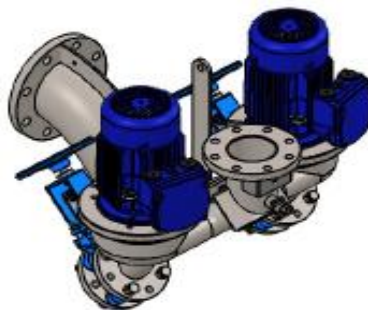
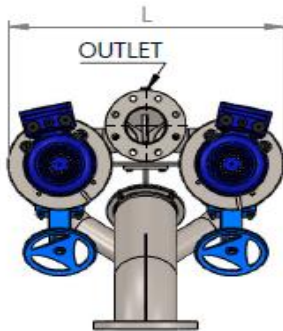
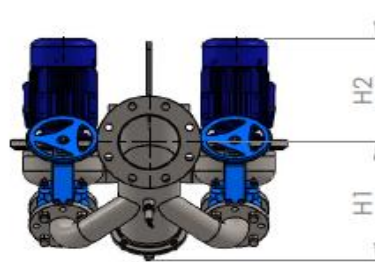
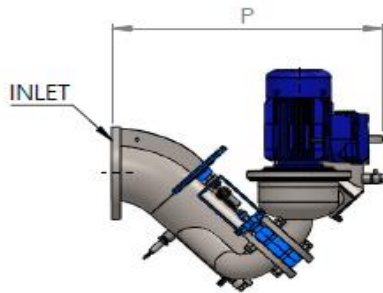
Rated Power	230V FLA	460V FLA	575V FLA	Weight *
11kW / 14.8HP	41.2	20.6	16.5	970lb (441kg)
15kW / 20.1HP	--	26.5	21.2	1049lb (477kg)
18.5kW / 24.5HP	--	32.2	25.8	1102lb (501kg)

## DIMENSIONS (largest motor)

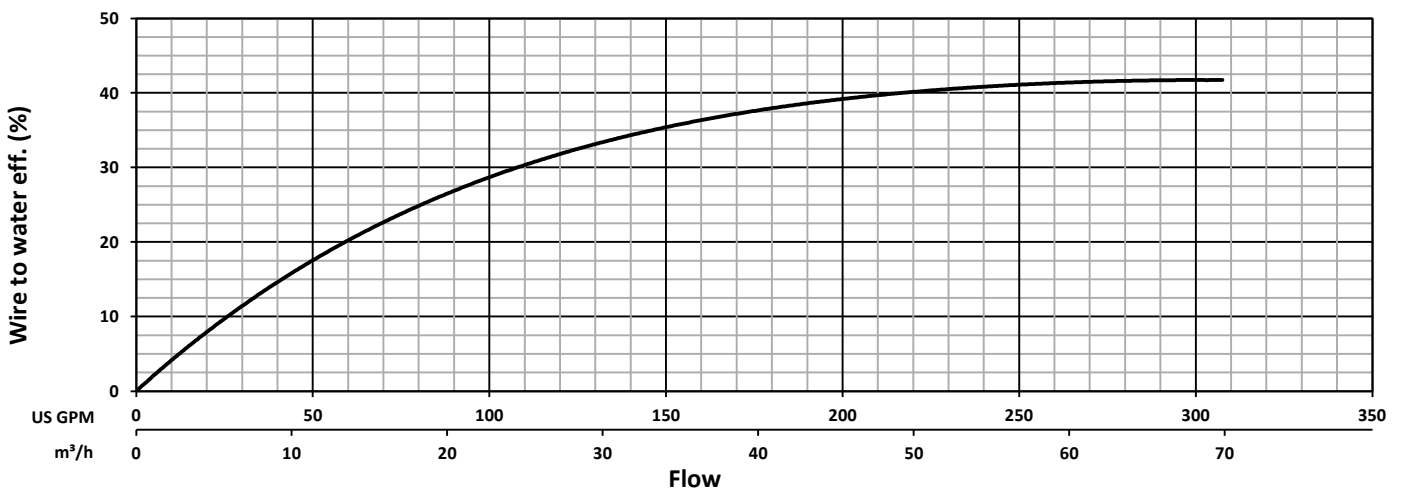
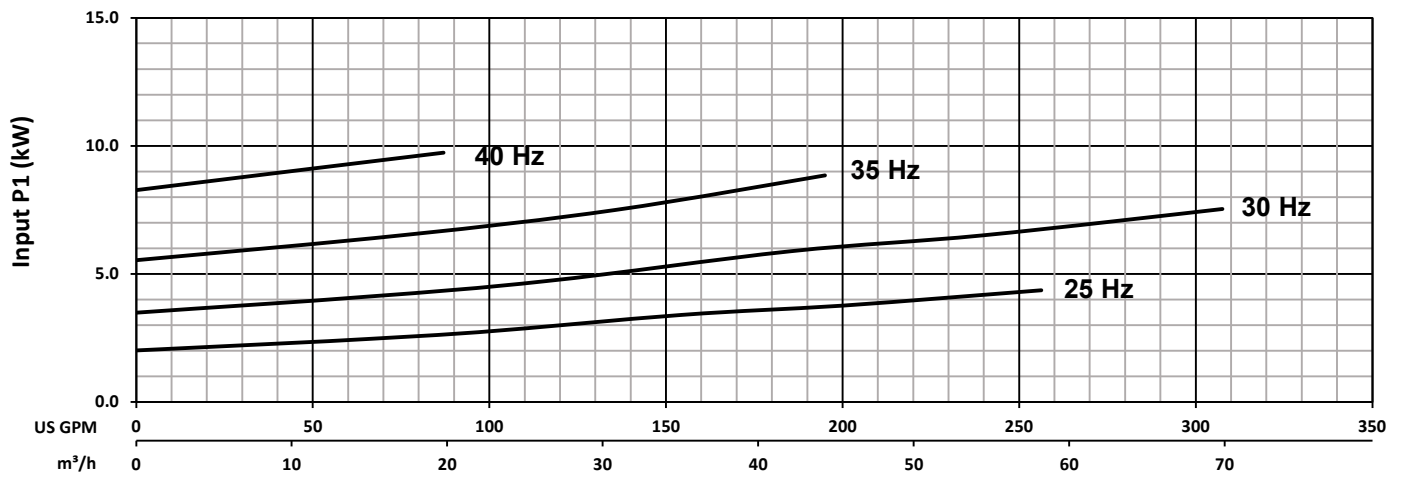
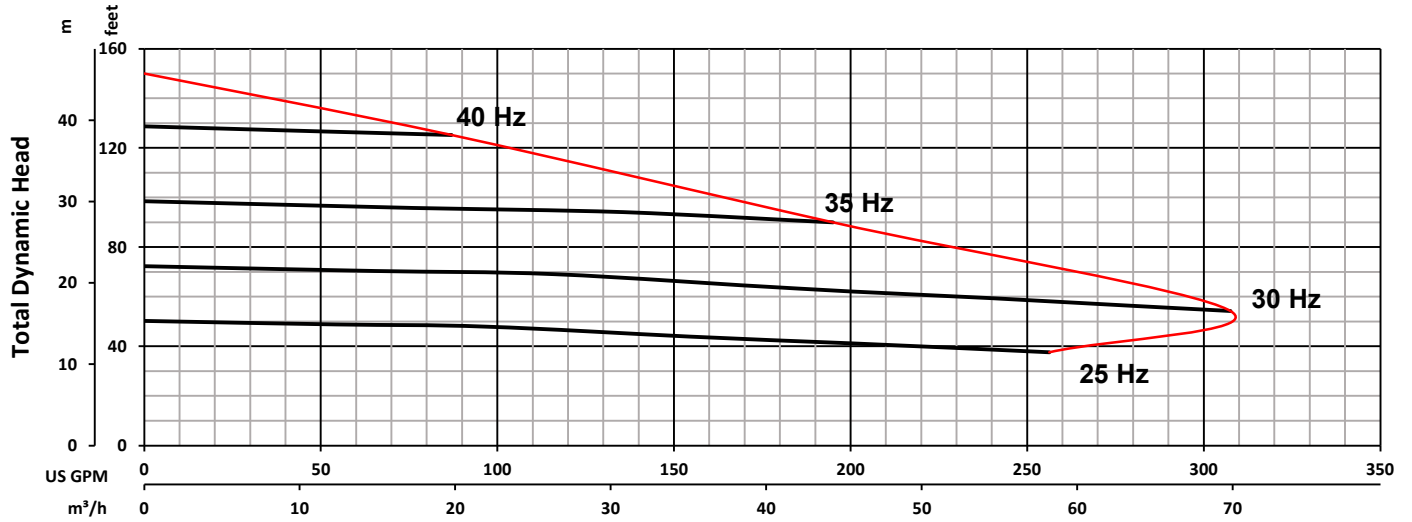
Inlet	6" ANSI 150#
Outlet	4" ANSI 150#
H1	14.95" (380mm)
H2 **	27" (685mm)
L	34.5" (876mm)
P	32.5" (825mm)


\* Total weight of unit

\*\* Max

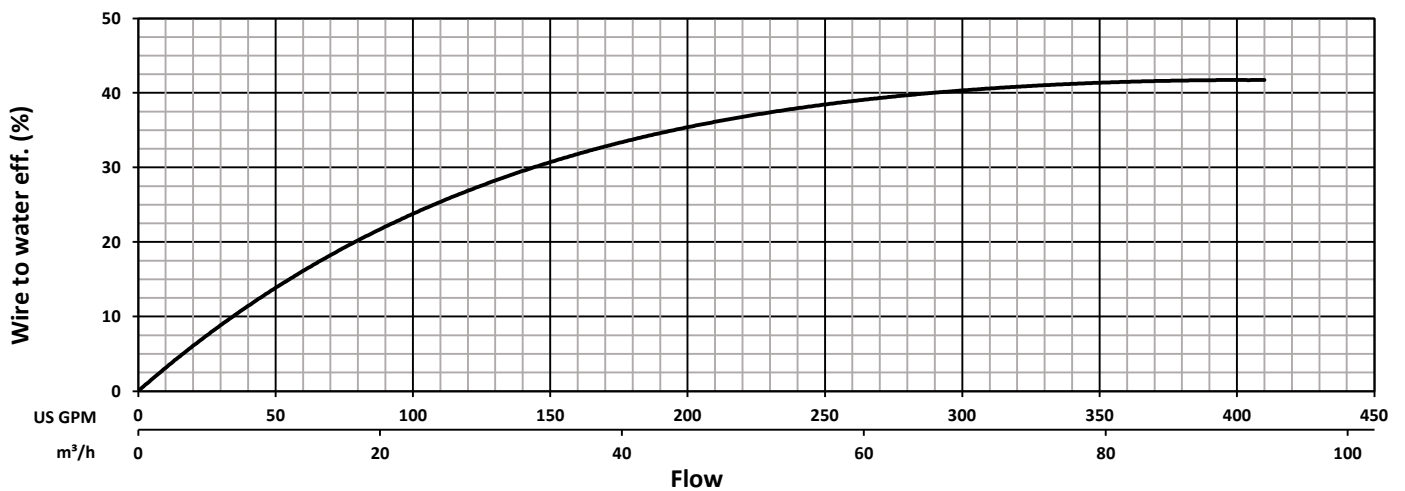
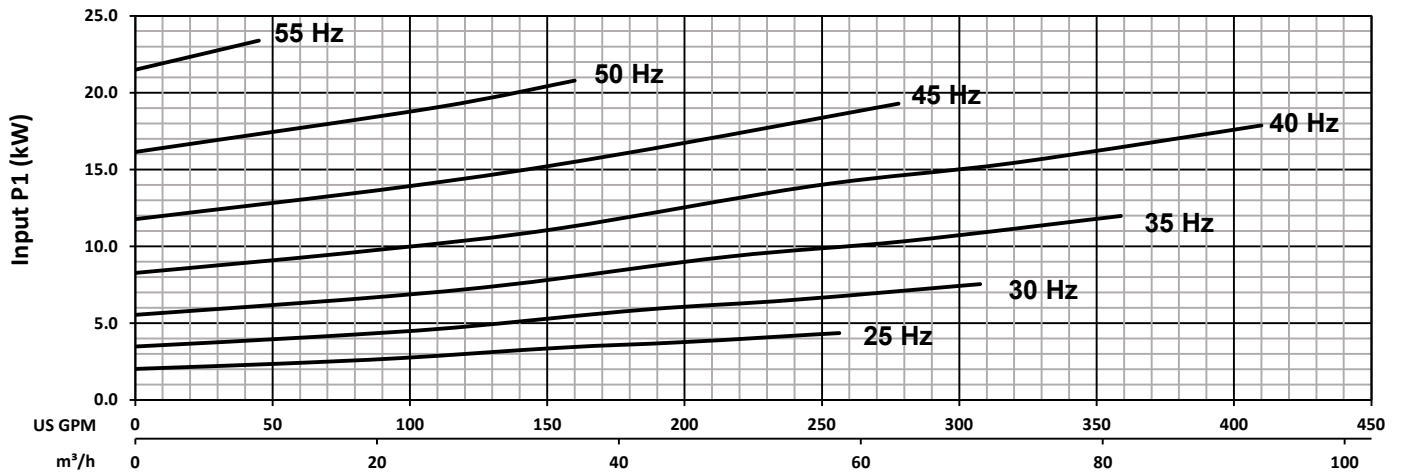
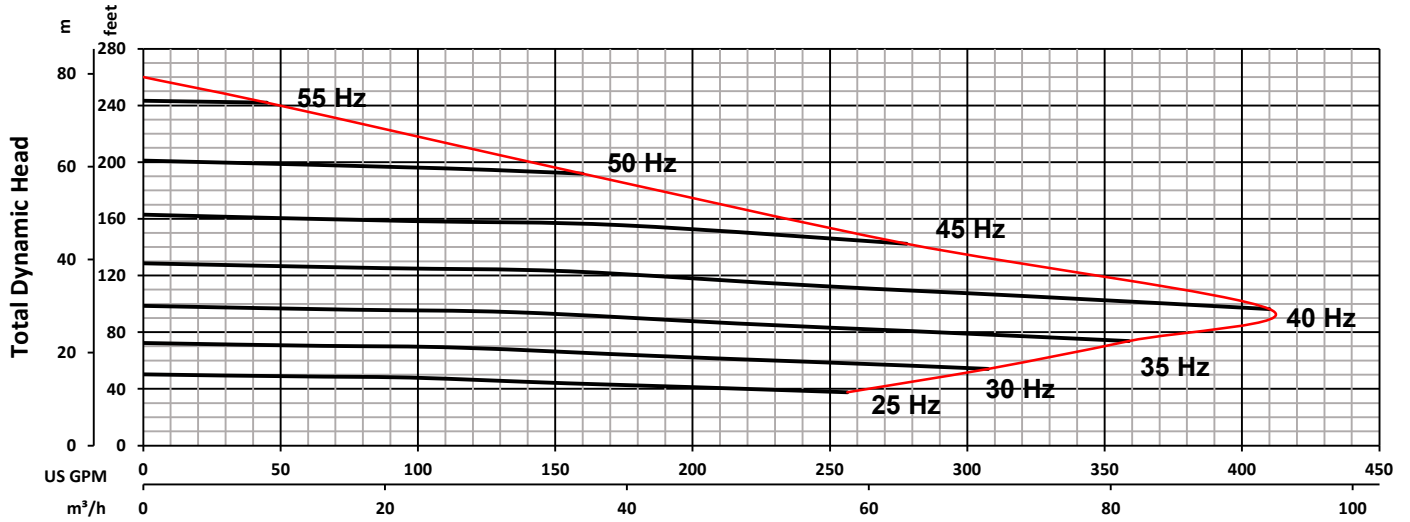



# PERFORMANCE CURVE OW61R-2VV T2 11kW



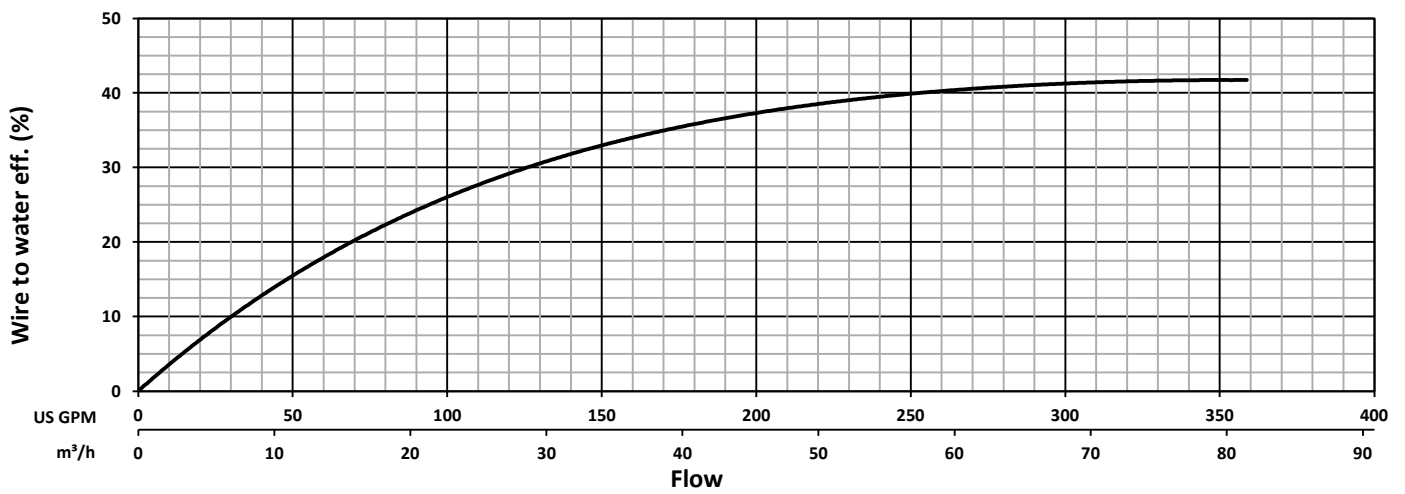
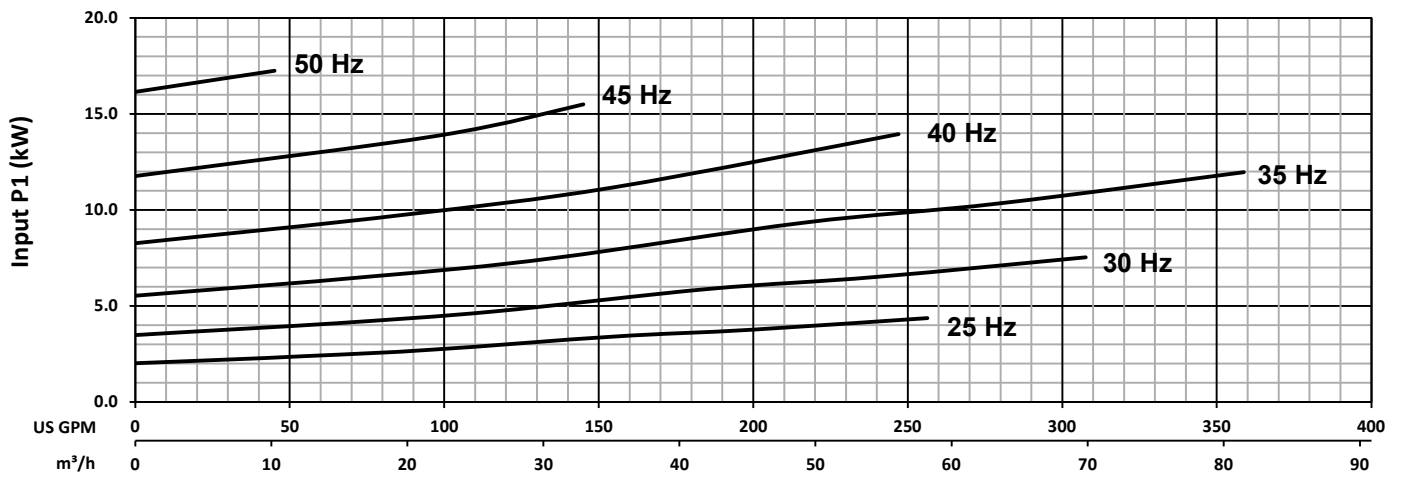
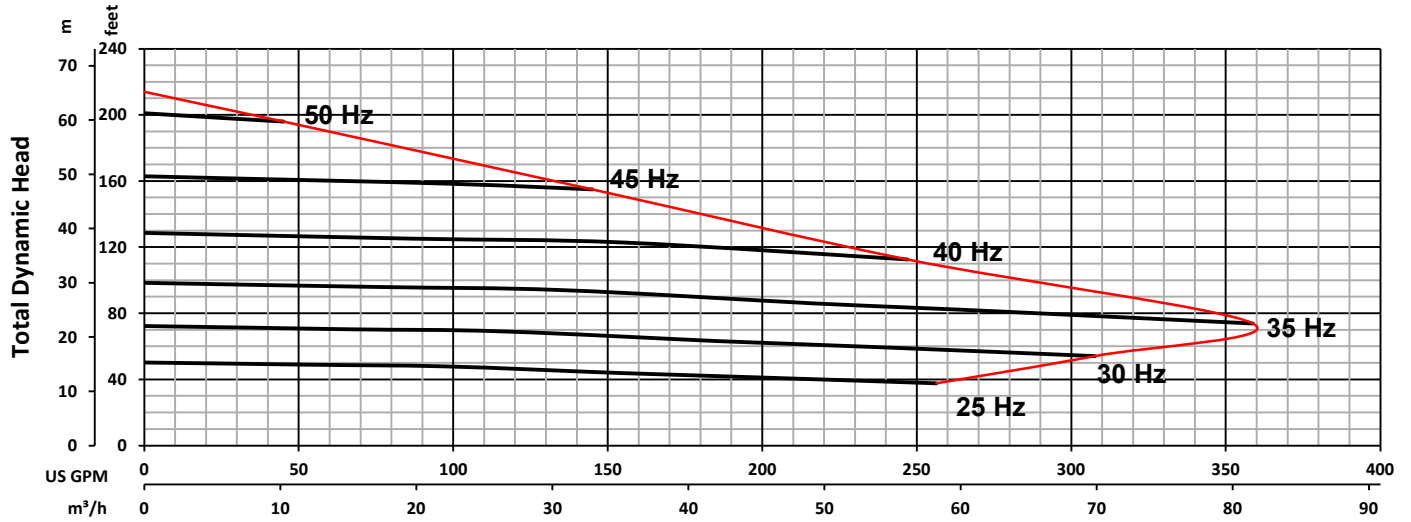
 <b>INDUSTRIAL FLOW SOLUTIONS</b>	<b>PERFORMANCE CURVE OW61R-2VV T2 11kW</b>			<b>DS-A50-088</b>	
	Tested with clean water Test Standard : HI 11.6 Gr 3B		<b>Model</b>	<b>OW61R-2VV</b>	
			<b>Motor</b>	11kW / 14.7HP	<b>Poles</b> 2
			<b>Impeller Ø</b>	200mm	Specifications subject to change without notice
				<b>Rev</b> 3	<b>IT</b>
				<b>Date</b> 3/18/2021	


# PERFORMANCE CURVE OW61R-2VV T2 18.5kW



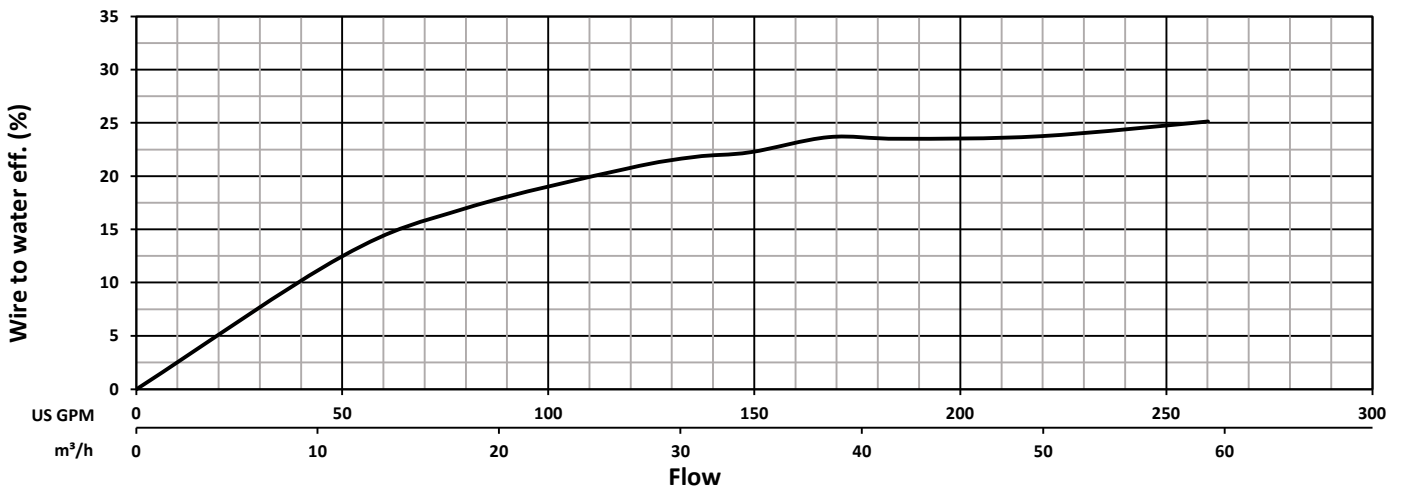
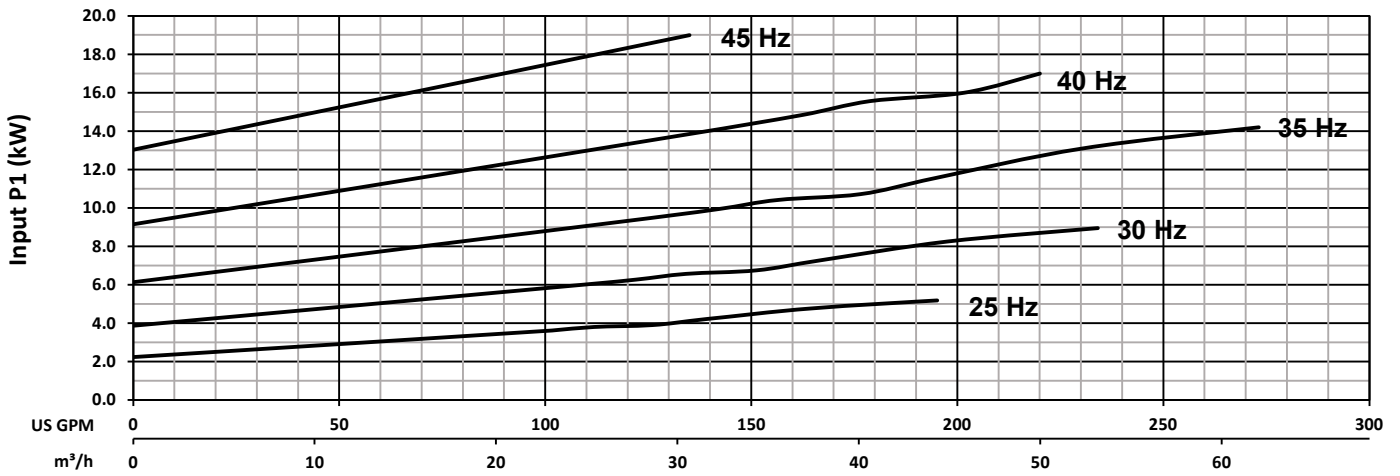
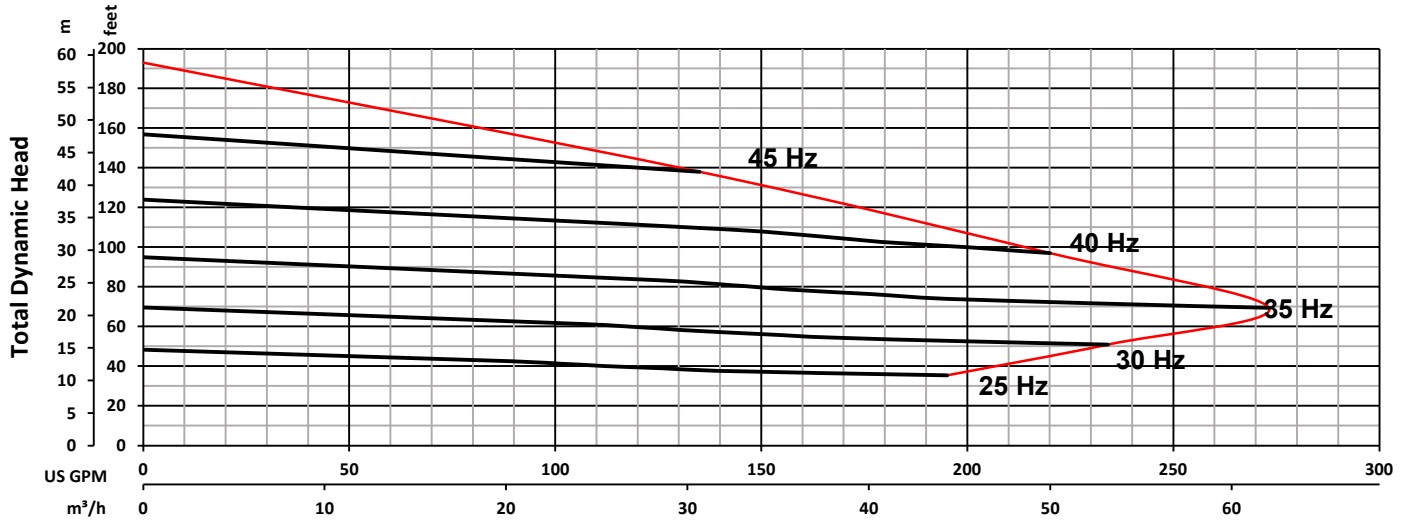
 <b>INDUSTRIAL FLOW SOLUTIONS</b>	<b>PERFORMANCE CURVE OW61R-2VV T2 18.5kW</b>			<b>DS-A50-084</b>	
	Tested with clean water Test Standard : HI 11.6 Gr 3B		<b>Model</b>	<b>OW61R-2VV</b>	
			<b>Motor</b>	18.5kW / 24.8HP	<b>Poles</b> 2
			<b>Impeller Ø</b>	200mm	
				<b>Rev</b> 3	<b>IT</b>
				<b>Date</b> 3/18/2021	


# PERFORMANCE CURVE OW61R-2VV T2 15kW



 <b>INDUSTRIAL FLOW SOLUTIONS</b>	<b>PERFORMANCE CURVE OW61R-2VV T2 15kW</b>			<b>DS-A50-075</b>	
	Tested with clean water Test Standard : HI 11.6 Gr 3B		<b>Model</b>	<b>OW61R-2VV</b>	
			<b>Motor</b>	15kW / 20.1HP	<b>Poles</b> 2
			<b>Impeller Ø</b>	200mm	Specifications subject to change without notice
				<b>Rev</b> 3	<b>IT</b>
				<b>Date</b> 3/18/2021	

# PERFORMANCE CURVE OW61R-2VV VX 18.5kW



 <b>INDUSTRIAL FLOW SOLUTIONS</b>	<b>PERFORMANCE CURVE OW61R-2VV VX 18.5kW</b>			<b>DS-A50-016</b>			
	Tested with clean water Test Standard : HI 11.6 Gr 3B	<b>Model</b>	<b>OW61R-2VV</b>		<b>Rev</b>	2 SCID	
		<b>Motor</b>	18.5kW / 24.8HP	<b>Poles</b>	2	<b>Date</b>	3/18/2021
		<b>Impeller Ø</b>	200x40x20mm	Specifications subject to change without notice			