



INDUSTRIAL FLOW
SOLUTIONS

TECHNICAL DATA

OW131/4VV

Doc #: DS-A50-048

Rev: --

Date: 3/3/2020

DESIGN / CONSTRUCTION

Overwatch Body	304L SS
External Hardware	304L SS
Gaskets	Buna-N
Motor Body	Cast Iron
Shaft Seal	Single Mechanical Seal
Impeller	260mm Vortex Impeller
Maximum Solid Size \varnothing	4" (100 mm)

MOTOR SPECIFICATIONS

Motor Design	4-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%

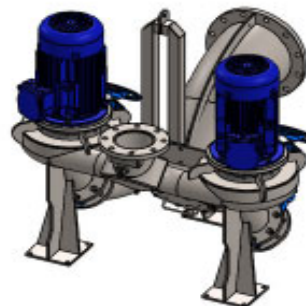
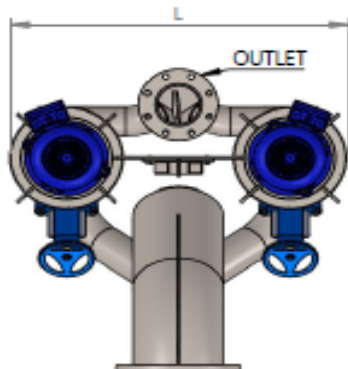
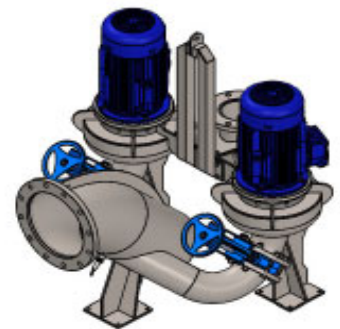
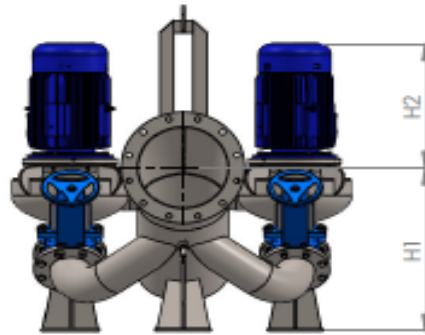
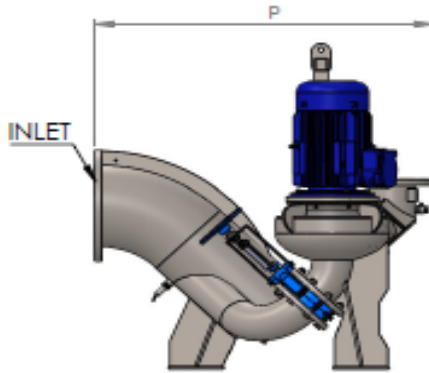
MOTOR DATA

Rated Power	230V FLA	460V FLA	575V FLA	Weight *
11kW / 14.8HP	44	22	17.6	1023lb (464kg)
15kW / 20.1HP	58	29	23.2	1151lb (522kg)
22kW / 29.5HP	81	40.5	32.4	1349lb (612kg)
18.5kW / 24.8HP	70	35	28	1499lb (680kg)

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)

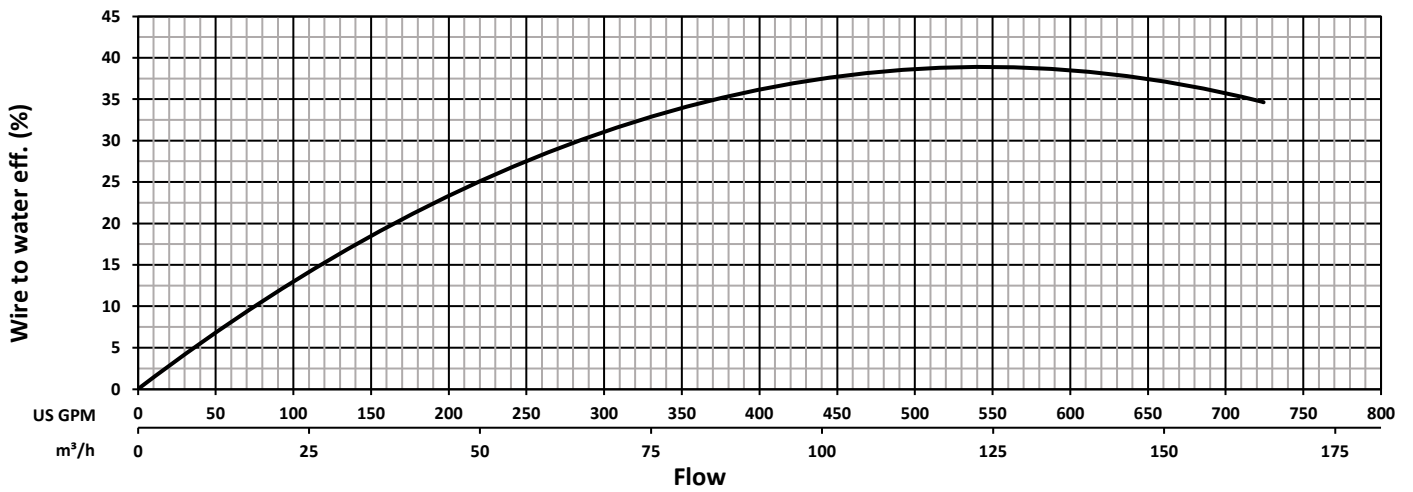
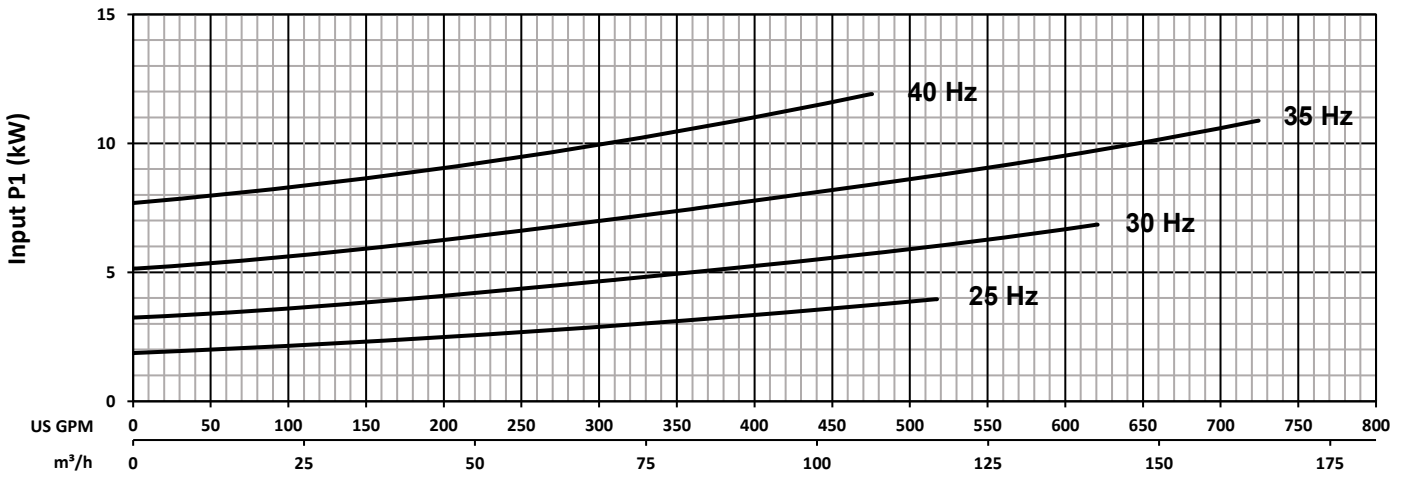
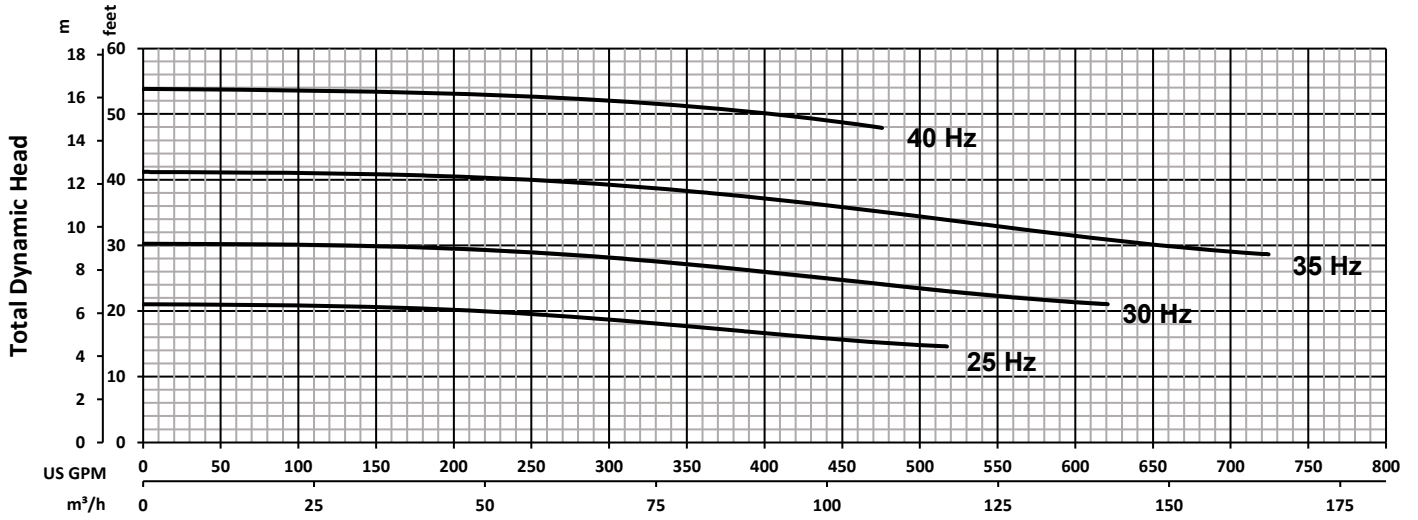
* Total weight of unit




Specifications subject to change without notice

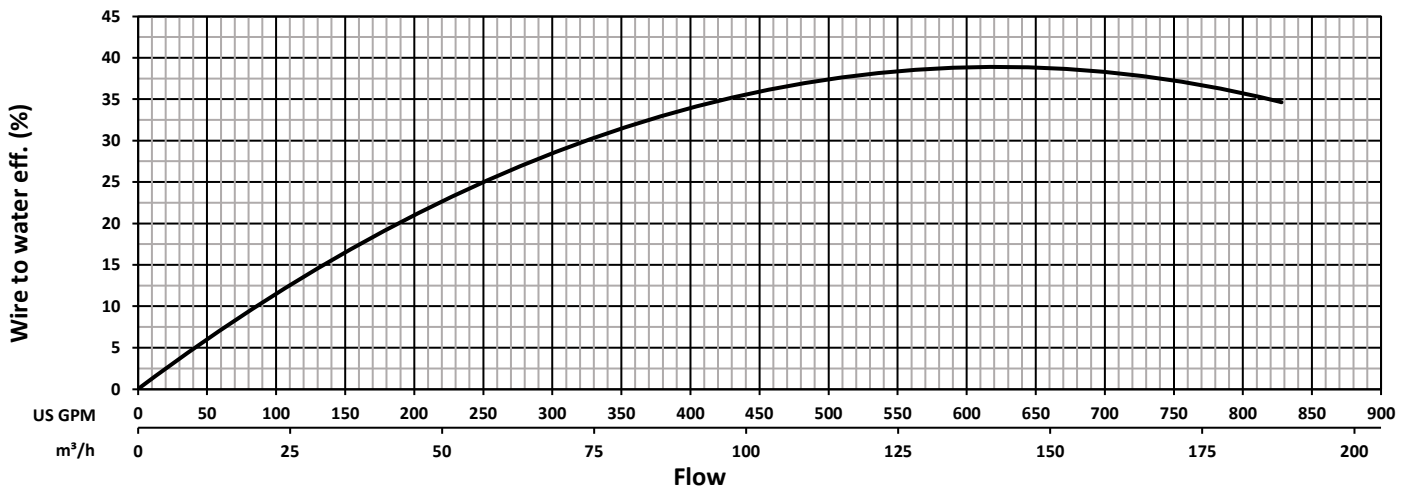
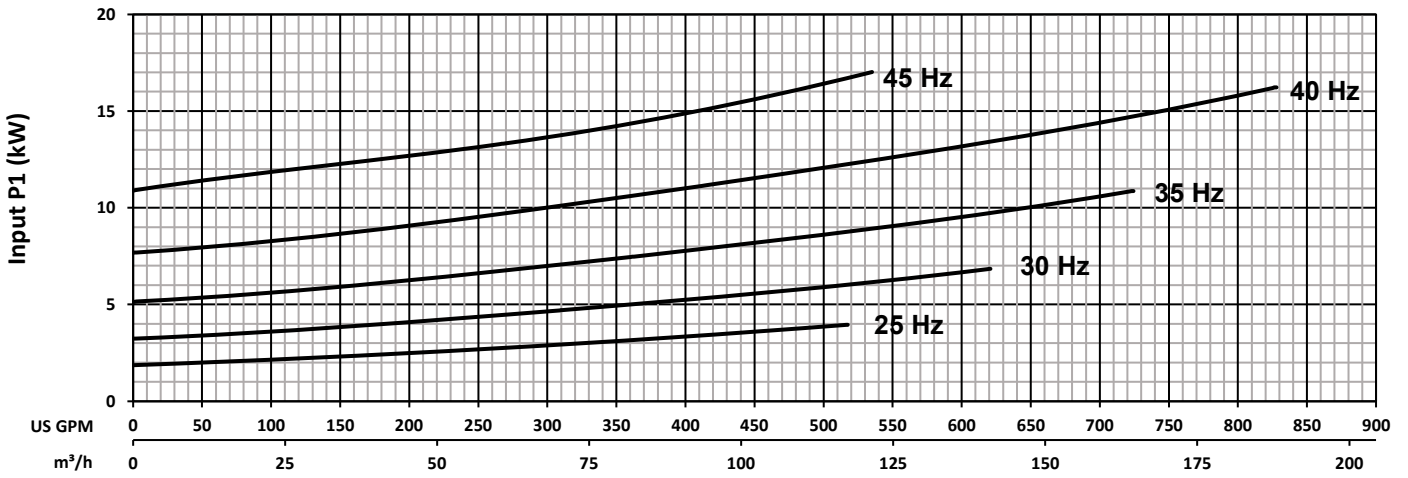
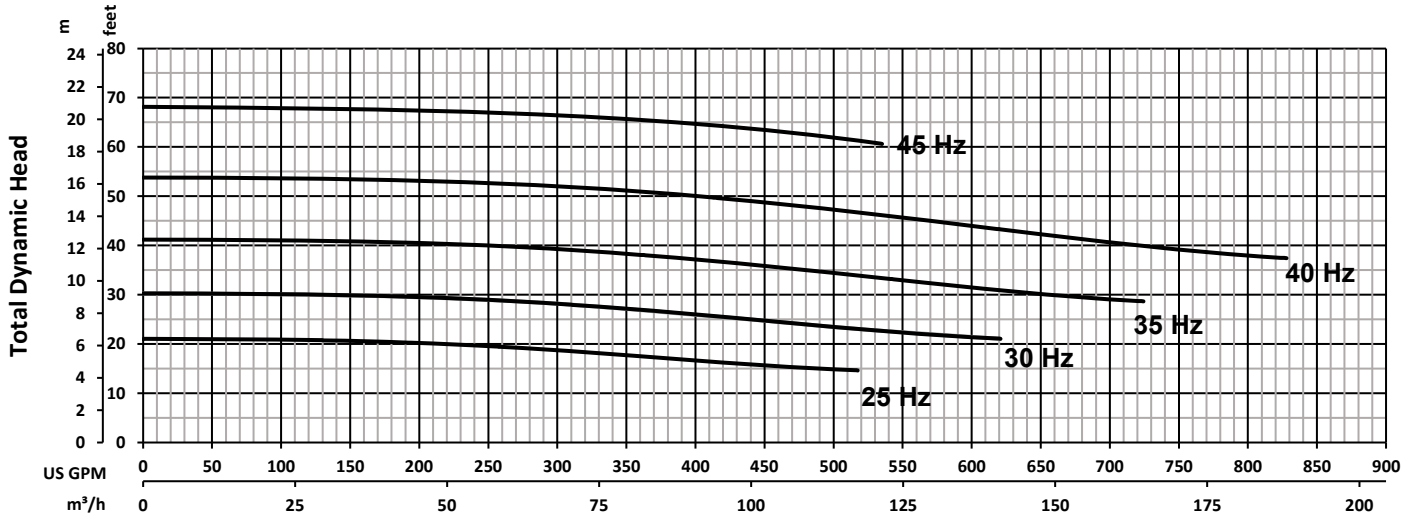
Do not use for construction purposes


PERFORMANCE CURVE OW131-4VV 11.0kW



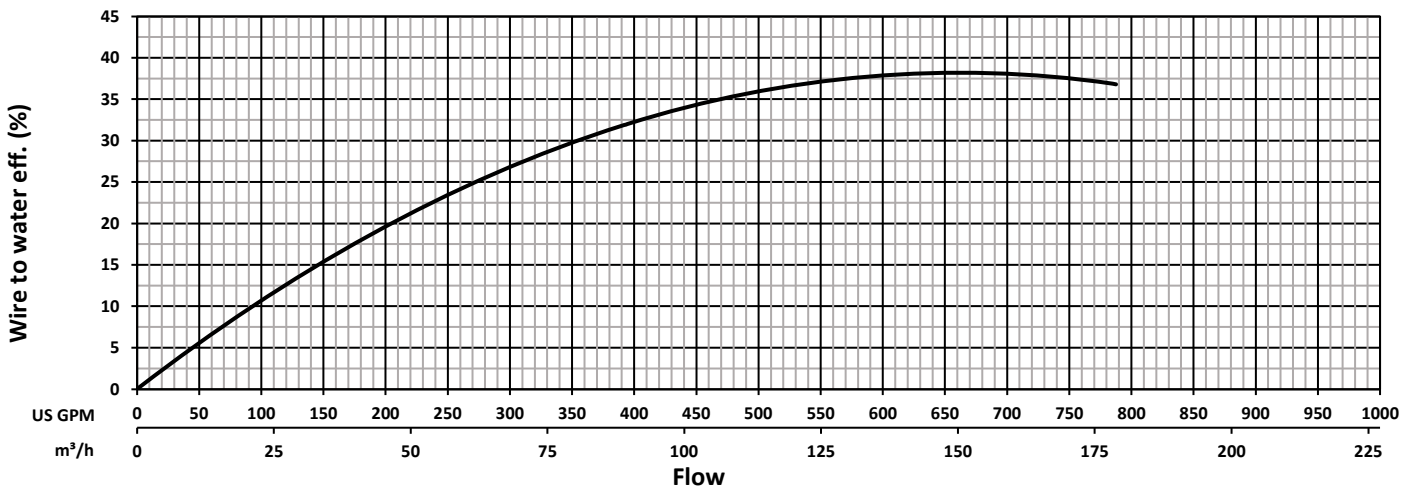
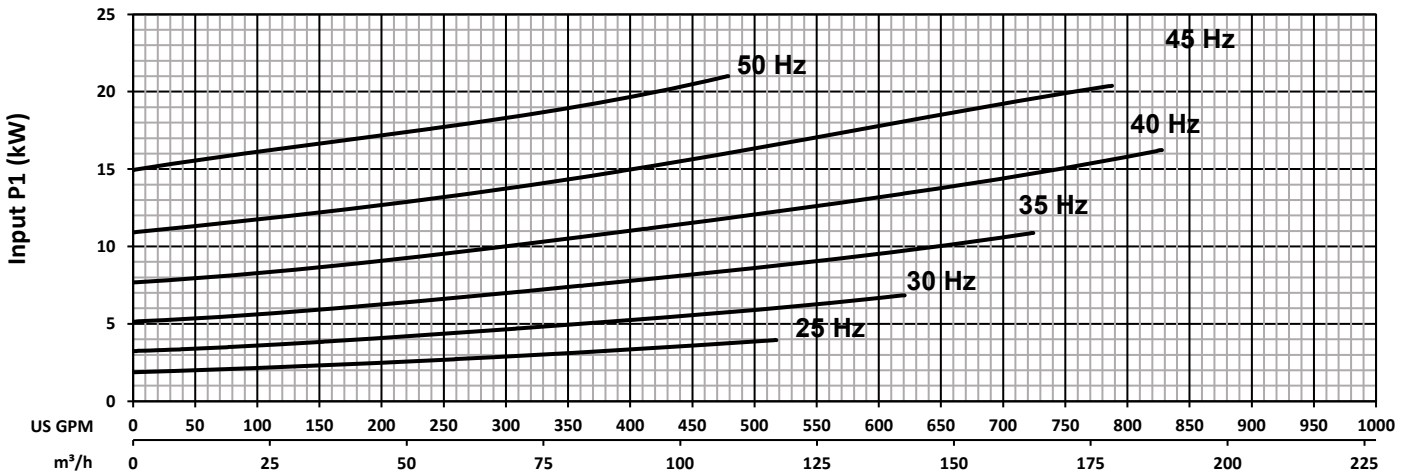
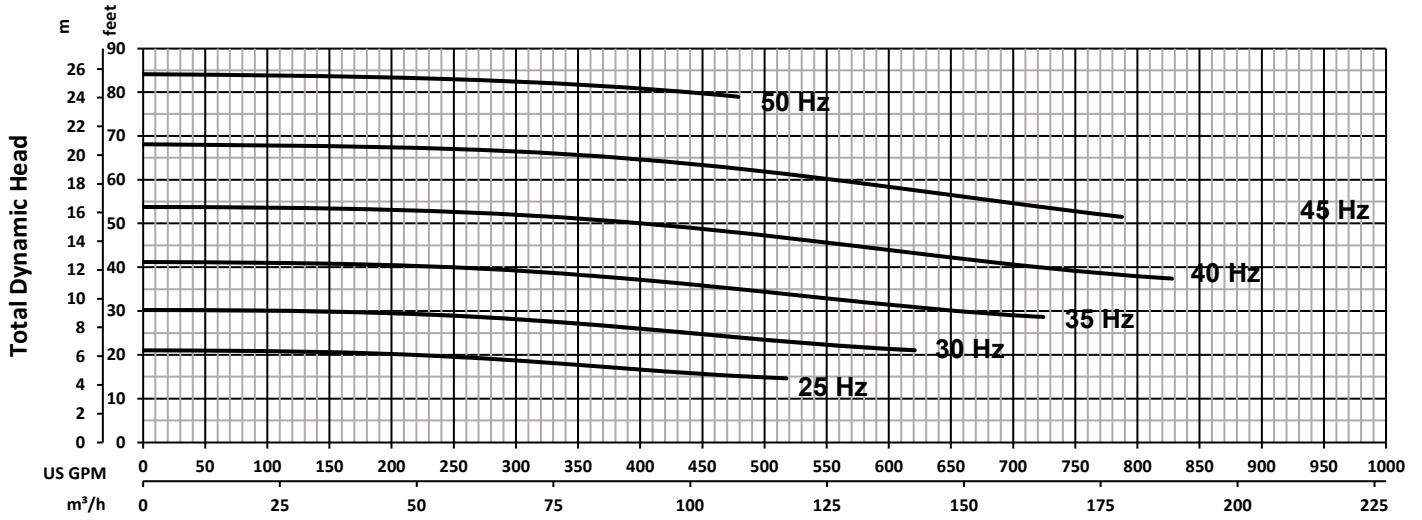
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	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	OW131-4VV 11.0kW	Rev --
			Motor	11kW / 14.8HP	Poles 4
			Impeller Ø	260mm	Date 2/27/2020
Specifications subject to change without notice					


PERFORMANCE CURVE OW131-4VV 15.0kW



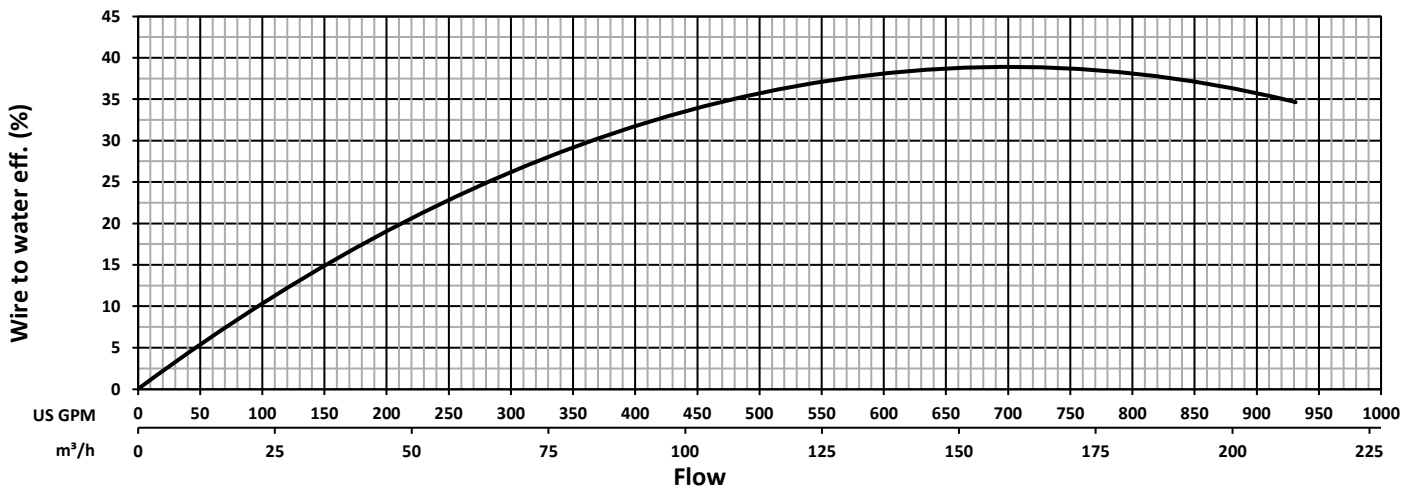
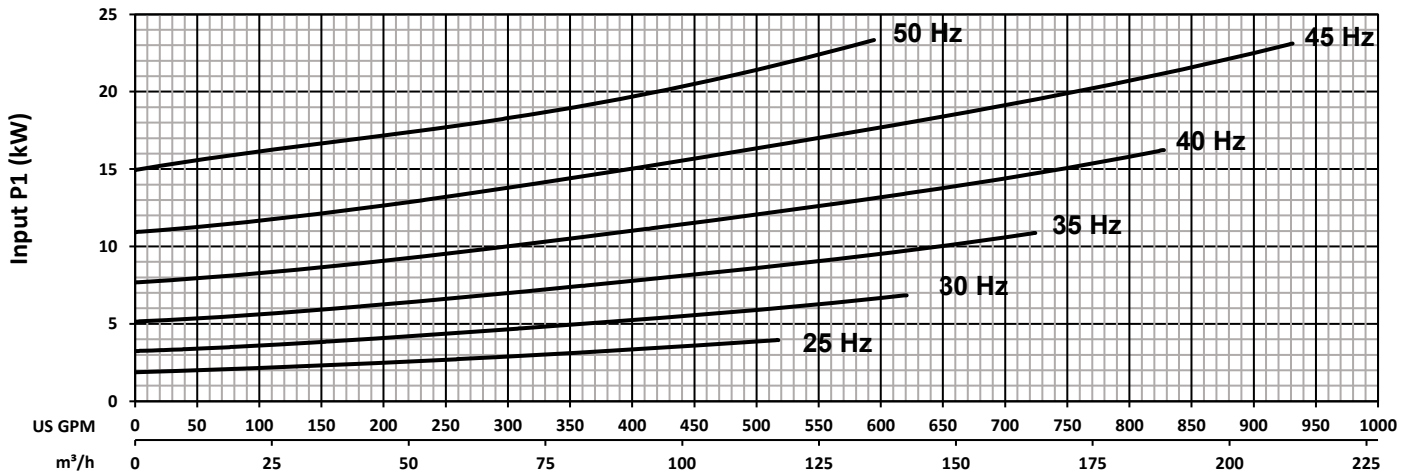
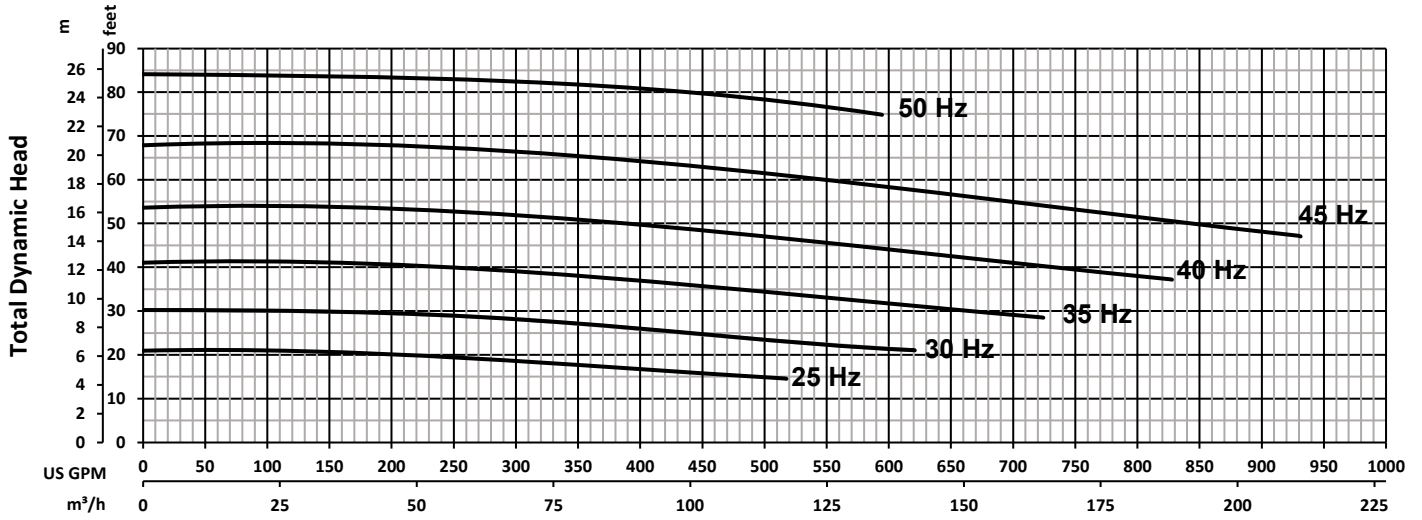
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	Tested with clean water Test Standard : HI 11.6 Gr 3B	Model	OW131-4VV 15.0kW		Rev --
		Motor	15kW / 20.1HP	Poles 4	Date 2/27/2020
		Impeller Ø	260mm	Specifications subject to change without notice	


PERFORMANCE CURVE OW131-4VV 18.5kW



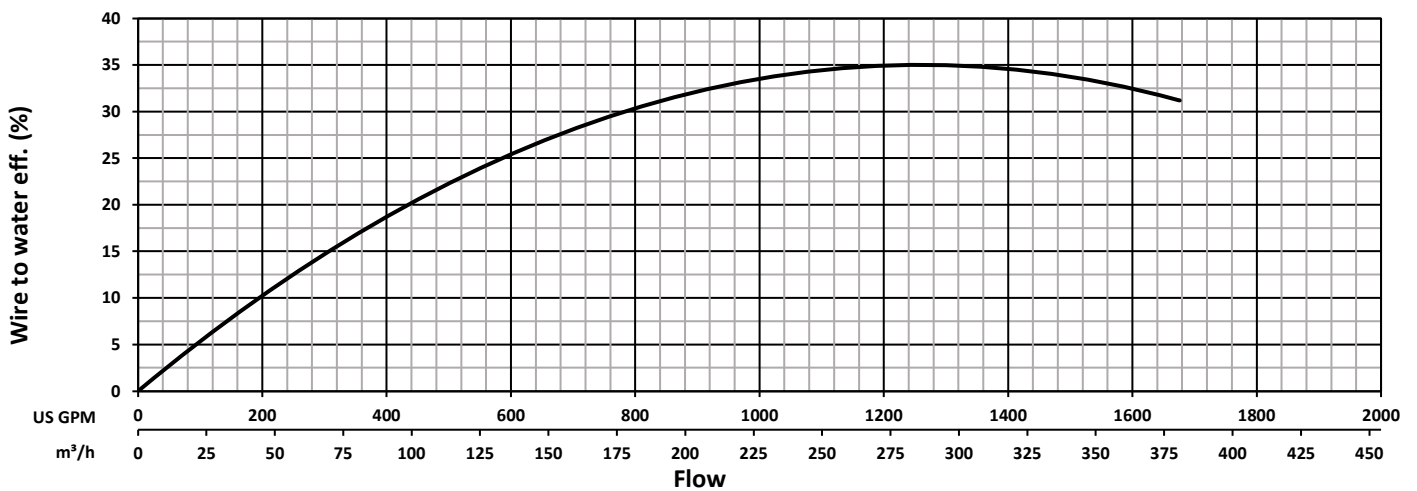
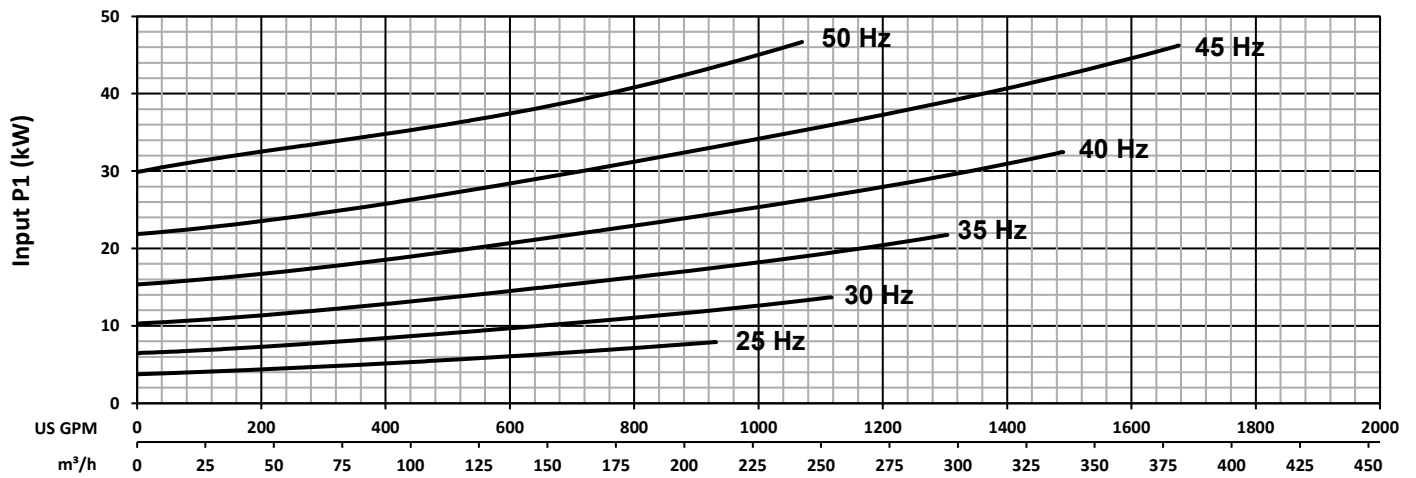
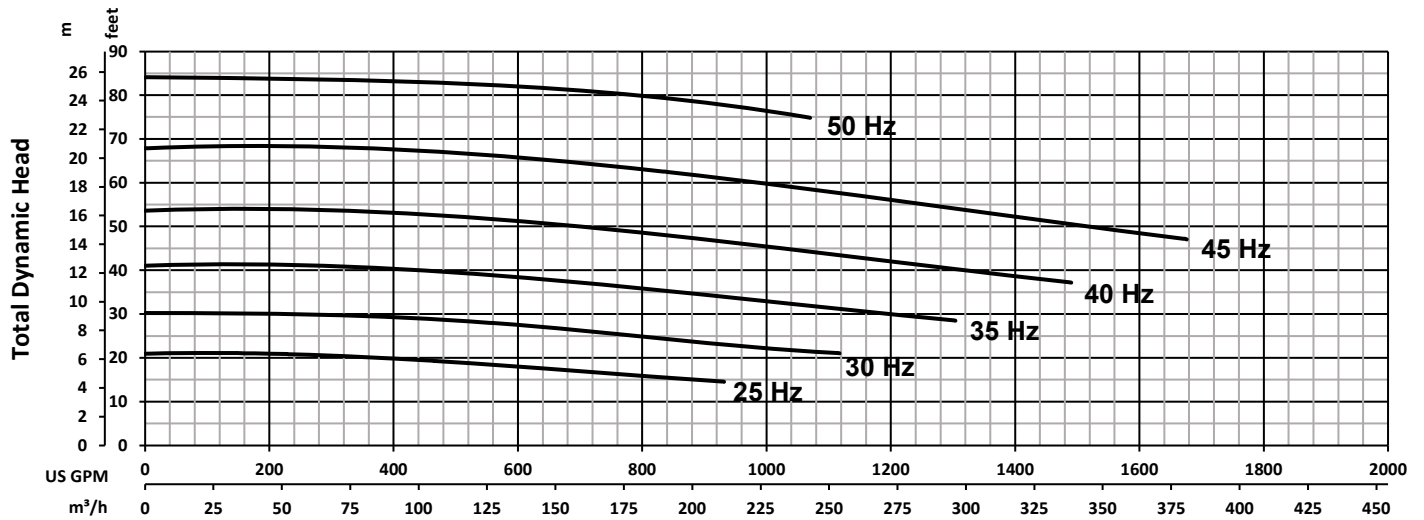
 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE			DS-A50-031
	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model OW131-4VV 18.5kW	Rev --
			Motor 18.5kW / 24.8HP	Poles 4
			Impeller Ø 260mm	Date 2/27/2020
Specifications subject to change without notice				


PERFORMANCE CURVE OW131-4VV 22.0kW



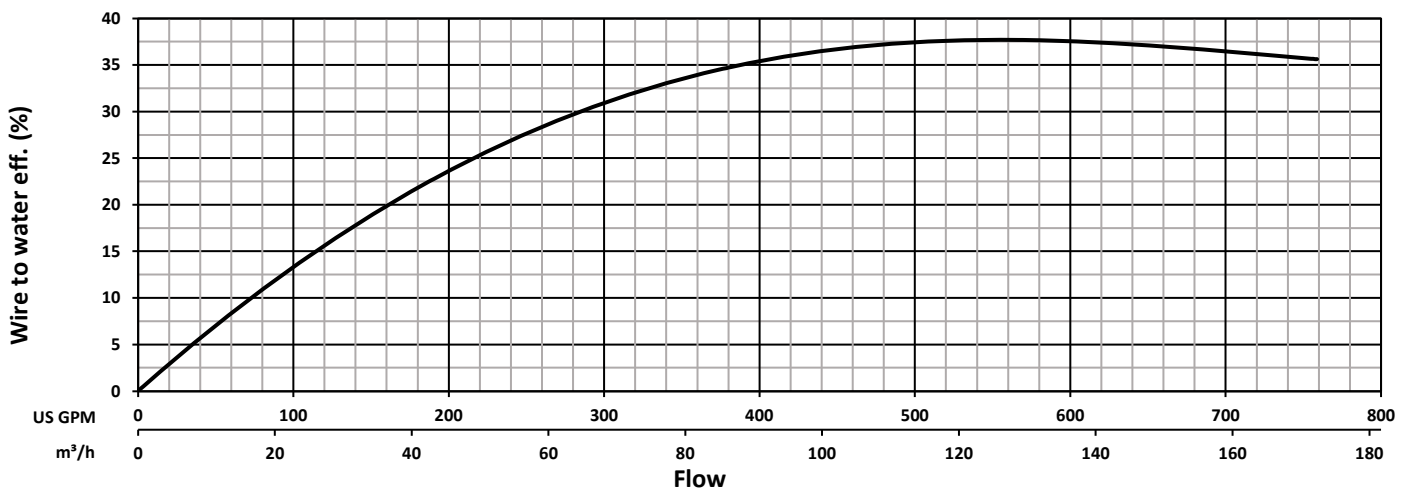
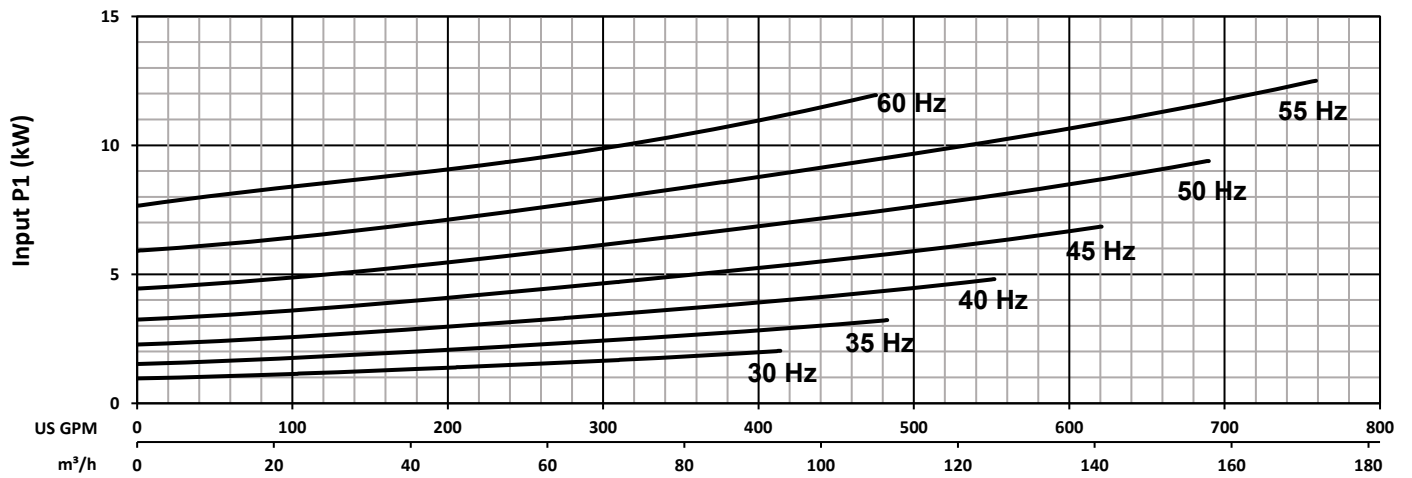
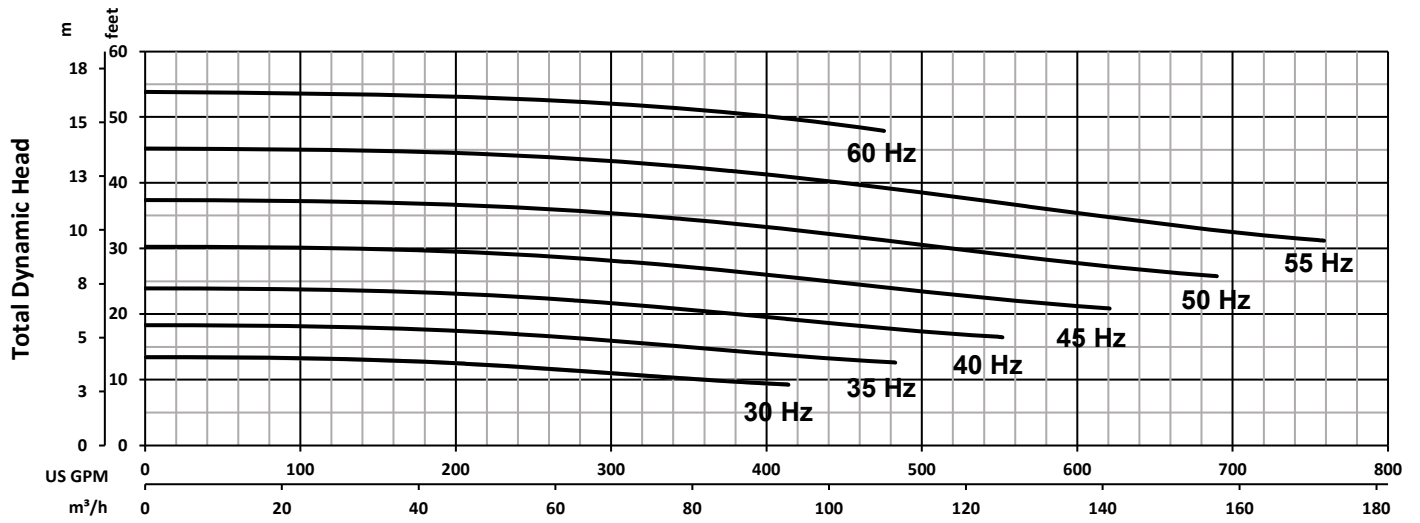
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	Tested with clean water Test Standard : HI 11.6 Gr 3B		Model	OW131-4VV 22.0kW	
			Motor	22kW / 29.5HP	Poles 4
			Impeller Ø	260mm	Date 2/27/2020 Specifications subject to change without notice


PERFORMANCE CURVE (TWO UNITS) OW131-4VV 22.0kW



 INDUSTRIAL FLOW SOLUTIONS	PERFORMANCE CURVE (TWO UNITS)			DS-A50-032 2U	
	Tested with clean water Test Standard : HI 11.6 Gr 3B	Model	OW131-4VV 22.0kW		Rev --
		Motor	22kW / 29.5HP	Poles 4	Date 2/27/2020
		Impeller Ø	260mm	Specifications subject to change without notice	

PERFORMANCE CURVE OW131-6VV 11.0kW



	PERFORMANCE CURVE			DS-A50-059	
	Tested with clean water Test Standard : HI 11.6 Gr 3B	Model	OW131-6VV 11.0kW		Rev --
		Motor	11.0 kW/14.7 HP	Poles 6	Date 3/15/2020
		Impeller Ø	260mm		Specifications subject to change without notice