

152-99136 ENTERPRISE TURGO HYDRO TURBINE

DATA SHEET FOR 152-99136 Enterprise Turgo Hydro Turbine

AVAILABLE MOUNTING CONFIGURATIONS

152-99136 -F FRAME MOUNT
 152-99136 -RP-F REDI-PRIME FRAME MOUNT A
 152-99136 -EM ENGINE MOUNT
 152-99136 -RP-EM REDI-PRIME ENGINE MOUNT A
 152-99136 -VC VERTICAL COUPLED
 152-99136 -VF VERTICAL FRAME MOUNT

OPERATING LEVELS

MIN FLOW	180 GPM	41 m ³ /h
MAX FLOW	1300 GPM	295 m ³ /h
DISCHARGE SIZE	4"	101.6 mm
SUCTION SIZE	4"	101.6 mm
SOLIDS HANDLING	3"	76.2 mm
MAX SPEED	1800 RPM	1800 RPM
SHUT-OFF HEAD	122'	37.2 m
BEP HEAD	81'	24.6 m
BEP FLOW	760 GPM	172.6 m ³ /h
BEP PERCENT	76%	76%



A typical picture of the pump is shown. All information is approximate and for general guidance

PARTS	STANDARD MATERIAL (ALL IRON)
WEAR RING	CAST
IRON	IMPELLER
CAST IRON	VOLUTE
SHAFT STEEL	STRESSPROOF
SHAFT SLEEVE STEEL	416 STAINLESS
BACKPLATE IRON	CAST
MECHANICAL SEAL	TUNGSTEN CARBIDE VS. SILICON CARBIDE
BEARING FRAME IRON	CAST

Frame mounted models: Heavy-duty, grease lubricated, single row ball bearings with a minimum of 50,000 hours bearing life. 900/1200/1800 RPM operating speeds. Vertical configurations include a 4" suction elbow with other options available. Uses an F16 frame (horizontal) or VC16 frame (vertical).

Engine-mounted models: 900/1800 RPM operating speeds.

- Patented Cycloseal design
- Heavy-duty bearing frame
- Industry-leading two-year warranty
- Industry-leading efficiencies
- Heavy duty construction
- Redi-Prime[®] available for fully-automatic continuous priming.

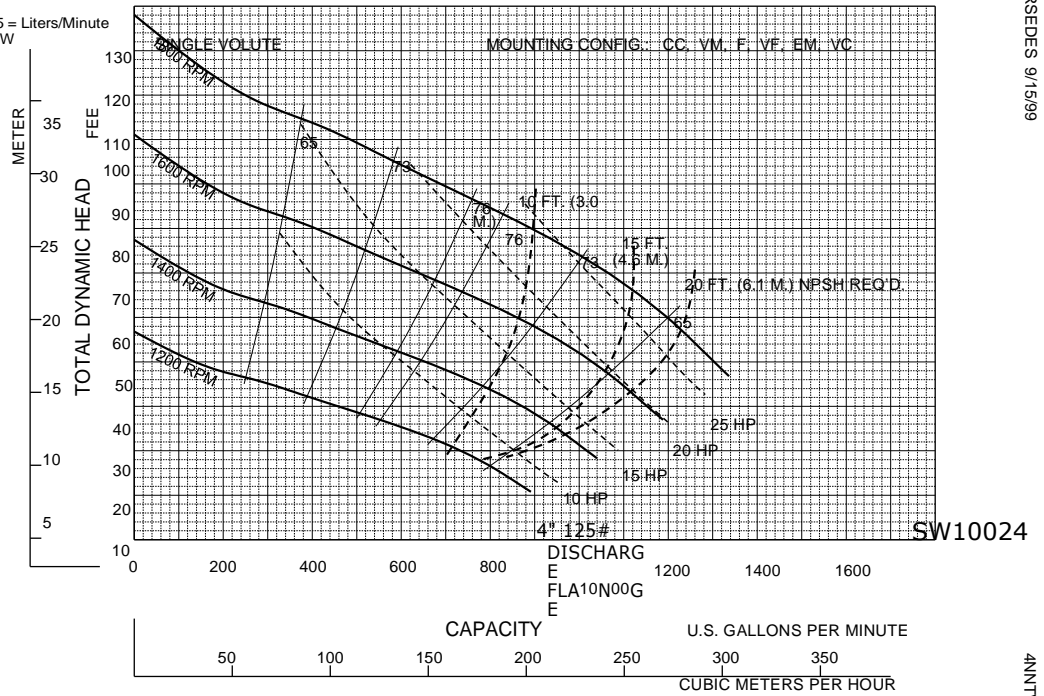


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Feet x .305 = Meters
 Inches x 25.4 = Millimeters
 GPM x .227 = Cubic
 Meters/Hour
 GPM x 3.785 = Liters/Minute
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N _s	Suction	Discharge	No. vanes
VARIOUS	10.09"	ENCLOSED	3"	1900	4"	4"	2

SUPERSEDES 9/15/99



ANNITVA
7/30/02

2.00

Efficient by Design

4"
125#
SUCTION
FLANGE

