

Wastecorp's TFVE End Suction pumps are used in a wide range of applications in the Municipal, Agricultural, Oil Gas , Chemical and Industrial sectors . The heavy duty bearing design can be mounted with electric motor's or SAE engine-mount configurations.



BARE PUMP

Materials of Construction

	Standard Material	Optional
Impeller	CA6NM SS	CD4MCu
Volute	Ductile Iron ASTM A536 65-45-12	CD4MCu
Wear Ring	ASTM A48 Class 40 Gray Iron	316 SS
Suction Cover	Ductile Iron ASTM A536 65-45-12	CD4MCu
Bracket	Ductile Iron ASTM A536 65-45-12	CD4MCu
Backplate	Ductile Iron ASTM A536 65-45-12	CD4MCu
Shaft	17-4 PH Stainless Steel	
Bearings	Open Ball Bearings	
Mechanical Seal	Single Type Seal w/ Tungsten Carbide vs. Silicon Carbide Seal Faces, Viton Elastomers	



END SUCTION ELECTRIC DRIVEN MODEL

PERFORMANCE RANGES

Clear Liquid Pumps

Pump Specifications

MODEL	SIZE	MAX FLOW	MAX HEAD	SOLIDS SIZE
TFVE-4x3C	4 x 3 inches	800 USgpm	490 feet	0.5 inches
	100 x 80 mm	180 m³/h	150 metres	10 mm
TFVE-4C	4 x 4 inches	900 USgpm	250 feet	0.5 inches
	100 x 100 mm	210 m³/h	80 metres	10 mm
TFVE-6x4C	6 x 4 inches	1875 USgpm	350 feet	1 inches
	150 x 100 mm	425 m³/h	107 metres	25 mm
TFVE-6C	6 x 6 inches	2,700 USgpm	320 feet	1 inches
	150 x 150 mm	620 m³/h	100 metres	25 mm
TFVE-8x6C	8 x 6 inches	4,400 USgpm	310 feet	1 inches
	200 x 150 mm	1010 m³/h	90 metres	25 mm
TFVE-10x8C	10 x 8 inches	5250 USgpm	860 feet	1.1 inches
	250 x 200 mm	1200 m³/h	260 metres	28 mm
TFVE-10C	10 x 10 inches	6,000 USgpm	310 feet	1.3 inches
	250 x 250 mm	1380 m³/h	90 metres	30 mm
TFVE-12C	12 x 12 inches	11,000 USgpm	300 feet	2.3 inches
	300 x 300 mm	2530 m³/h	90 metres	60 mm

Solids Handling Pumps

Pump Specifications

MODEL	SIZE	MAX FLOW	MAX HEAD	SOLIDS SIZE
TFVE-4S	4 x 4 inches	1,700 USgpm	150 feet	3 inches
	100 x 100 mm	390 m³/h	50 metres	76 mm
TFVE-6x4S	6 x 4 inches	3,000 USgpm	490 feet	3 inches
	150 x 100 mm	690 m³/h	150 metres	76 mm
TFVE-6S	6 x 6 inches	3,600 USgpm	300 feet	3 inches
	150 x 150 mm	830 m³/h	90 metres	76 mm
TFVE-8x6S	8 x 6 inches	4875 USgpm	625 feet	3 inches
	200 x 150 mm	1120 m³/h	190 metres	76 mm
TFVE-8S	8 x 8 inches	4,500 USgpm	200 feet	3 inches
	200 x 200 mm	1040 m³/h	60 metres	76 mm
TFVE-10x8S	10 x 8 inches	6,500 USgpm	450 feet	3.5 inches
	250 x 200 mm	1500 m³/h	140 metres	90 mm
TFVE-12x8S	12 x 8 inches	12,000 USgpm	720 feet	3 inches
	300 x 200 mm	2760 m³/h	220 metres	76 mm
TFVE-12S	12 x 12 inches	9,500 USgpm	325 feet	3.75 inches
	300 x 300 mm	2190 m³/h	100 metres	90 mm

Specifications and illustrations are subject to revision without notice. Wastecorp makes no representation regarding the completeness or accuracy of this information and is not liable for any consequential, incidental or indirect damages relating to these specifications.

USA - Wastecorp Pumps Systems Inc
1795 Baseline Road
Grand Island, ew York 14072 | USA
Tel: 888.829.2783 | Fax: 888.883.3320
sales@wastecorp.com

Canada - Wastecorp Pumps Inc.
50 Shorncliffe Road
Toronto, Ontario M8Z 5K1 | Canada
Tel: 416.233.3000 | Fax: 416.233.2300
info@wastecorp.com

Turbo Flow® Pumps

TFVF Series

End Suction Pump

TURBO FLOW® END SUCTION PUMPS

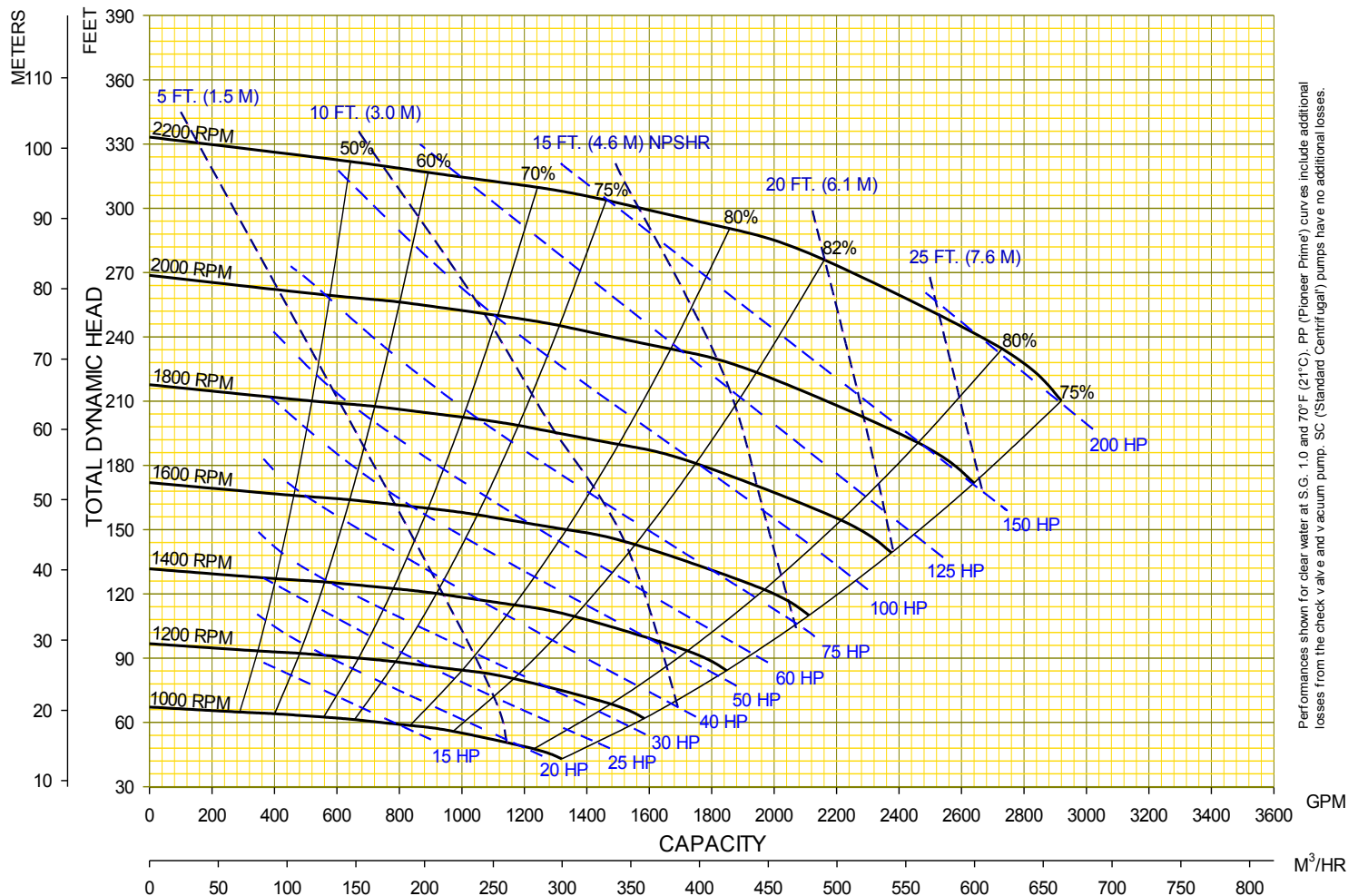
TFVE



Pump Specifications

MODEL	SIZE	MAX FLOW	MAX HEAD	SOLIDS SIZE
TFVE	6 x 6 inches	2700 USgpm	320 feet	1 inches
	150 x 150 mm	620 m ³ /h	100 metres	25 mm

Performance Curve



Performances shown for clear water at S.G. 1.0 and 70°F (21°C). PP (Pioneer Prime) curves include additional losses from the check valve and vacuum pump. SC (Standard Centrifugal) pumps have no additional losses.

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