

Cornell plus Kubota equals power, performance, and durability without compromise

- Cornell centrifugal pump powered by a Kubota diesel engine
- 900+ gpm flow rate with 3-inch solids handling and 90-foot head
- Self-priming, run-dry pump with patented Cycloseal® sealing system to keep seal area clear of debris
- Rugged ESI-built skid or trailer-mounted options with built-in 25-gallon fuel tank



**ES
CP
41**



BUILT ARCTIC TOUGH

www.EquipmentSourceInc.com

Pump

- Cornell STX-Series premium efficiency, self-priming pump
- Ductile iron construction
- Heavy-duty bearings with separate oil reserve
- External seal leakage monitor for dual bearing protection
- Back pull out design for ease of maintenance
- Self-cleaning adjustable wear plate
- Easily-replaceable suction check valve
- Shimless impeller

Engine

- Kubota V1505 or V1703 (ES-CP40), variable speed diesel engine
- DSE control panel for ease of operation and engine speed monitoring
- Racor fuel and water separator

Skid/Trailer

- Rugged, Arctic Tough designs by ESI
- 25-gallon built-in fuel tank



Specifications

Suction/Discharge	4" (102mm)
Max flow	900 gpm
Max solids handling	3" (76 mm)
Max head	90' (27.4 m)
Max speed	2100 rpm
Max shaft power	24.8 hp
Fuel type	ULSD
Fuel capacity	25 gal (94.6 L)
Fuel consumption	1.3 gph @ 2000 rpm
Skid-mounted weight	Dry: 1523 lb (691 kg) Wet: 1722 lb (781 kg)
Trailer-mounted weight	Dry: 1743 lb (791 kg) Wet: 1941 lb (880 kg)

Anchorage, AK
 7780 Old Seward Hwy.
 907-341-2250

Fairbanks, AK
 1919 Van Horn Rd.
 907-458-9049

Renton, WA
 1010 SW 41st St.
 425-251-6119

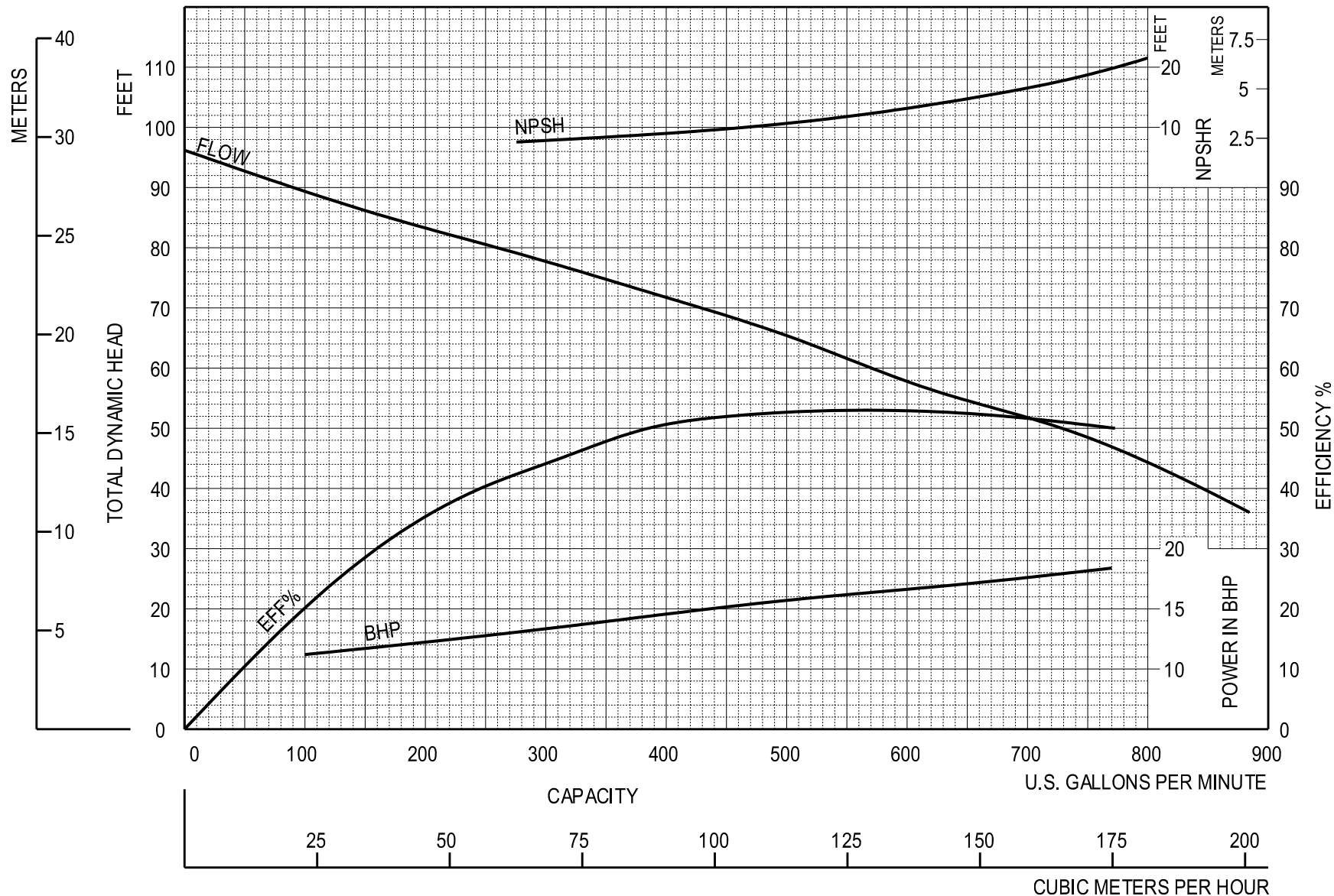
Williston, ND
 5064 Bennet Loop
 701-774-5312

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
2000	8.50"	SEMI-OPEN	3"	1600	4"	4"	2

SINGLE VOLUTE

MOUNTING CONFIG.: F, EM



Performances shown are for cool water, close-coupled electric configuration with Cyclo seal.® Other mounting configurations, seal arrangements or liquids may require horsepower and/or performance adjustments.

8/17/13



Cornell Pump Company • Portland, Oregon

4STX - 2000 RPM

Efficient by Design