CORNELL
EFFICIENT BY DESIGN

5HH High Head Pump
Highly Efficient Clear Liquid Pump
Max. 650 m^3/hour, Max. 110 mwc

Pump specifications:

Type	5HH-F18
Max. flow	650 m^3/hour
Max. pressure	110 mwc
Connections	8" x 5" ANSI
Solids handling	19 mm
Impeller material	Bronze SAE 40
Casing material	Cast iron GG20
Shaft sealing	Packed stuffing box
Pump shaft	Stress proof SAE 1144
Casing DVS	Double Volute System
Net weight	460 kg

FEATURES

Energy Efficiency
Cornell Pumps are designed to deliver Best in Class Efficiency offering the most cost effective and sustainable technology available in the market. The Cornell clear liquid pumps can be found in a wide range of applications and are available with a 100% mechanical priming system.

External Hydraulic Balance Line
Cornell's external hydraulic balance line equalizes pressure between the impeller hub area and the pump suction to reduce axial loading action on the impeller, shaft and bearings. The balance line also assist in moving sand and silt from the stuffing box to the low pressure area at the pump suction, reducing wear of the wetted parts.

Optional Cycloseal® Feature
Cornell's Cycloseal design has proven itself in the toughest applications, in some cases more than tripling the normally expected mechanical seal life. With its unique deflector vanes, works with the impeller back vanes to create a cyclo-action. This action removes solids and abrasive material from the seal area.

Cornell Pumps Europe
A large team of professionals with over 60 years experience in the market are at your service in 7 different languages if you require any assistance with technical and commercial questions about pumps and complete pumping installations.

Central Warehouse in The Netherlands
- Wide range of Pumps and Parts in stock
- Dedicated customer help-desk (24/7)
- Optional European on-site servicing
- CE Machinery Directive 98/37
- ISO 9001 and ISO 14001 certified

8H - 88% efficient
6RB - 89% efficient
5RB - 86% efficient
4RB - 85% efficient

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5HH High Head Pump

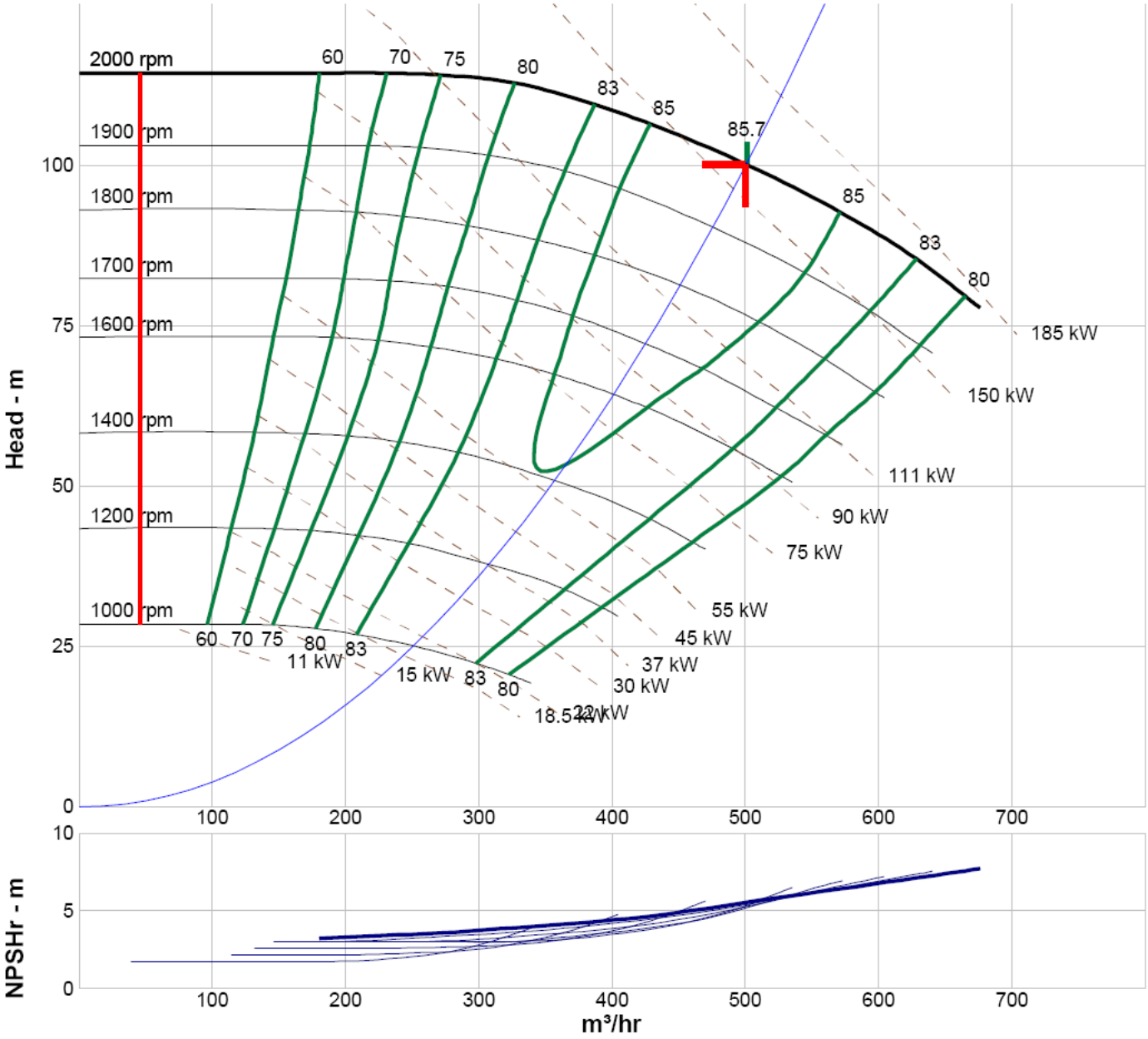
Highly Efficient Clear Liquid Pump

Max. 650 m^3/hour, Max. 110 mwc

Performance curves based on:

Impeller size: 418 mm

Water density: 999.1 kg/m^3



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