EFFICIENT BY DESIGN

6HH-F18K Hot Oil Pump

All Iron Construction

Max. 850 m^3/hour, Max. 110 mwc

Pump specifications:

Type	6HH-F18K
Max. flow	850 m^3/hour
Max. pressure	105 mwc
Suction connection	8" ANSI
Discharge connection	6" ANSI
Solids handling	31 mm
Impeller	Enclosed impeller
Casing material	Cast iron
Pump shaft	Stress-proof SAE 1144
Mechanical seal	Cartridge seal
Pump efficiency	87% at BEP
Weight (net)	400 kg

FEATURES

Vapor Suppression Line

Enhanced vapor handling technology is central to Cornell's latest hot cooking oil pump innovations. The vapor line breaks up bubbles in the hart of the impeller. This anti-cavitation system avoids both pump damage or impair the pump's head and flow.

External Hydraulic Balance Line

Available on most flanged models, Cornell's External Balance Line removes particles and equalizes pressure between the impeller hub area and the pump suction to reduce axial loading on the impeller, shaft and bearings.

Cartridge mechanical seal

Silicon Carbide vs Silicon Carbide faces, 316 SS metal hardware, and Chemraz 605 gasketing with a carbon bushing for quench. Seal comes with a product flush and a steam quench as standard. Temperature limit is 232°C.

Cornell Pumps in 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

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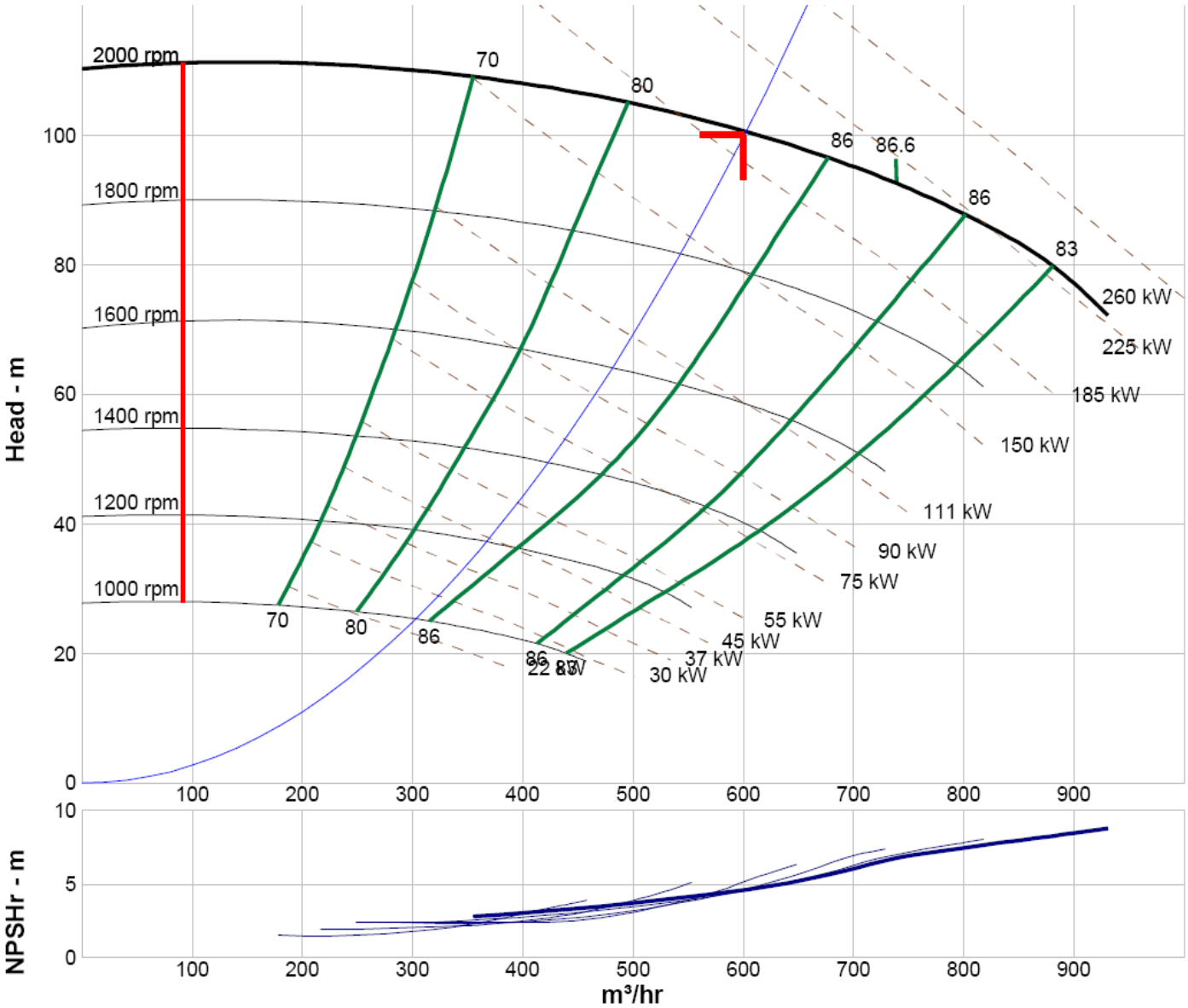
Performance curves based on:
Impeller size: 418 mm
Water density: 999.1 kg/m³
Viscosity: 1.104 cP



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