EFFICIENT BY DESIGN

8H-F18K Hot Oil Pump
All Iron Construction
Max. 1200 m^3/hour, Max. 90 mwc

Pump specifications:

Type	8H-F18K
Max. flow	1200 m^3/hour
Max. pressure	90 mwc
Suction connection	10" ANSI
Discharge connection	8" ANSI
Solids handling	31 mm
Impeller	Enclosed
Casing material	Cast iron
Pump shaft	Stress-proof SAE 1144
Mechanical seal	Cartridge seal
Pump efficiency	89% at BEP
Weight (net)	420 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

Cornell Pumps in Europe
Edisonstraat 12
7006 RD Doetinchem
The Netherlands

+31(0)314-368436
info@cornellpumpseurope.com

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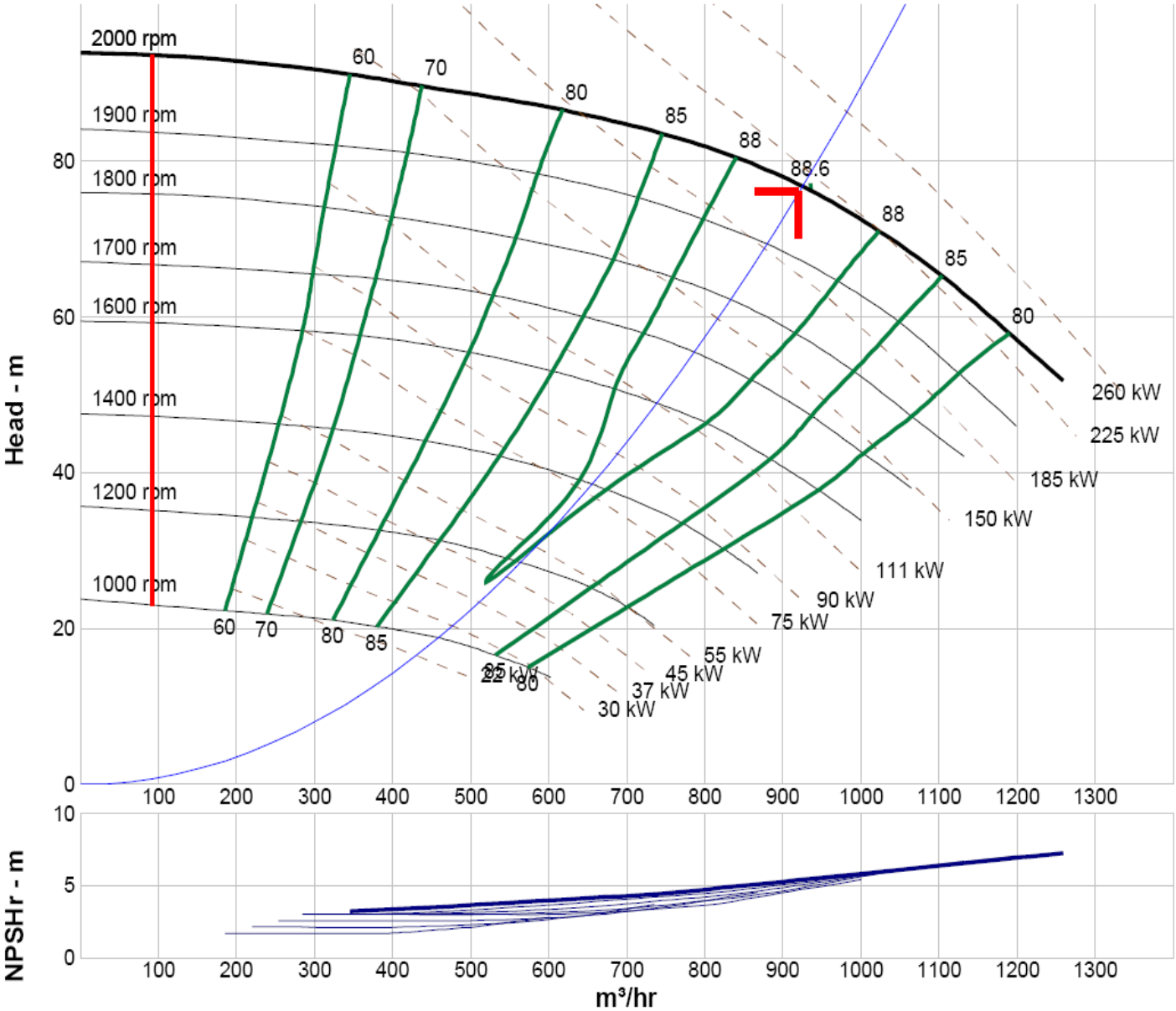
Performance curves based on:
Impeller size: 387 mm
Water density: 999.1 kg/m³
Viscosity: 1.104 cP



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