

# PAS 80MF<sub>200</sub>

100 mm Diesel Silenced Centrifugal Pump

<b>Qmax 45 L/S</b>	<b>Hmax 19 m</b>
<b>Inlet Bauer 100 mm</b>	<b>Outlet Bauer 100 mm</b>



## PUMP SPECIFICATION

### PAS 80MF 200

Dimensions	1120 x 1670 x 1240 mm
Material	S235JR EN 10025-2 carbon steel
Coatings	Epoxy powder, average thickness of 80 µm
Color	Yellow and black
Features	Steel base
Battery	Acid charge Pb-Ca maintenance free, 12 V - 100 Ah - 400 A
Tank	200 l
Bunding	220l (110% of the total volume of the tank)
Emergency stop	Outside the canopy
Locking keys	Control panel door and canopy doors
Dry weight	1380 kg
Wet weight	1580 kg
Noise level (VL02)	65-70 dB(A) @10 m
Speed	1400-1800 rpm

## SPEED

RPM	1400	1600	1800
Consumption [l/h]	1.3	1.5	1.8
Power [kW]*	6	7.4	8.6
Power [HP]	8	10	11.5

## ENGINES

MAKE	HATZ
Model	2G40H
Type	Diesel direct injection, aspirated, four strokes
Cooling	Air
Rpm type	Variable
Standard speed	1200 rpm
Oil change interval	500 h

## FEATURES

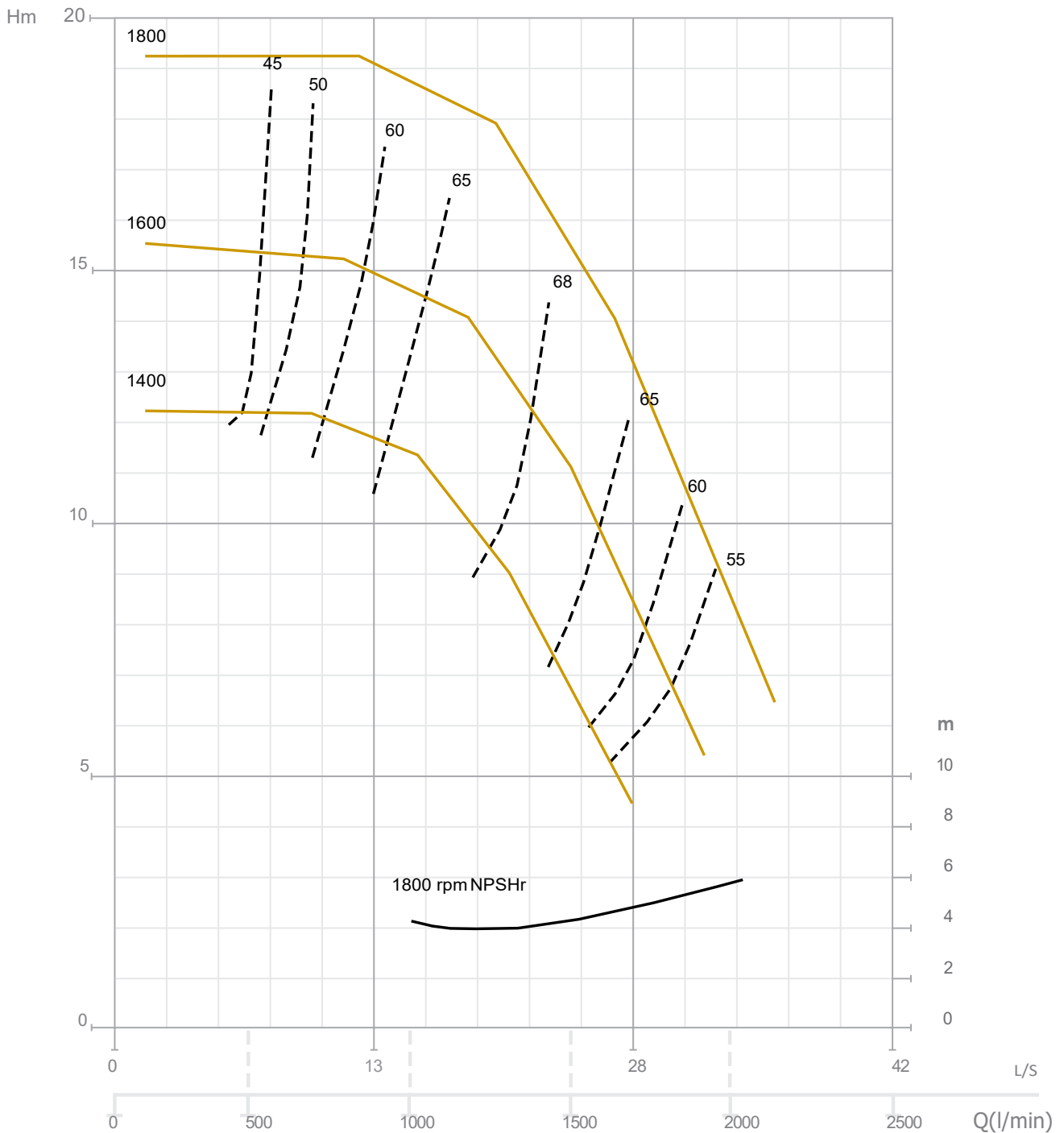
Pump	High efficiency: 68% (B.E.P.)
Rapid "dry" priming	Up to a height of 7.5m
High resistance	To abrasive liquids and turbid sandy waters
Semi-open impeller	Solids handling up to 40 mm
Diaphragm vacuum pump	Oil free suitable for dry running: no contamination of the environment
Mechanical shaft seal in oil bath	It allows the "dry running" operation of the pump
Wear plate	Cast iron (G11 rubber lined) or stainless steel wear plates, that are easily replaceable
Easy maintenance	Hinged cover for direct access to the impeller (without lifting devices). Link belt quick to replace on the field.

\* continuous power ISO 3046 ICX PAS 80 MF 200 SPEC SHEET

## PERFORMANCE CURVES

TEST ACCORDING TO UNI EN ISO 9906 STANDARD - LEVEL 2B

Test liquid	clean water, density 1,000 kg/m <sup>3</sup>
Spherical solids handling	D.40 mm
Priming time	30 s from 1.5 m
Max absorbed power	7,5 kW – 10.0 HP (1.800 rpm)



PAS 80 MF 200 SPEC SHEET

CREATED 28/11/2019