JS 2-120 G10

Bare shaft - Qmax 44 m³/h (190 USGPM) - Hmax 33 m (108 ft)



Indicative picture od the product

Product data

Pump model	JS 2-120 G10
Qmax	44 m³/h - 730 l/min (200 USGPM)
Hmax	33 m (108 ft)
Suction port	threaded - 2" BSP
Delivery port	threaded - 2" BSP
Impeller type	semi-open, 3 vane
Solids handling	25 mm
Casing	EN-GJL-200 cast iron
Impeller	EN-GJL-200 cast iron
Wear plate	EN-GJL-200 cast iron
Non-return valve	check-valve, NBR
Shaft	C45 steel
Mechanical seal	Silicon carbide / Silicon carbide
Elastomers	NBR
Lubrication	grease
Coatings	bicomponent, av. thickness 80 µm
Color	RAL 5010 blue (standard)
Weight	25 kg (60 lb)

J

Self-priming centrifugal pumps

The **J series self-priming centrifugal** pumps are for applications where the main feature is the **difficulty in priming**: even with suction heights of several meters the machine quickly evacuates the air from the suction pipe and starts pumping. Furthermore, compared to other pumps, the **semi-open impeller** makes the J suitable for pumping liquids with **solids** in suspension.

Optionals

2" NPT threaded ports
DN 50 EN 1092-1 flanged ports
ANSI B16.5 flanged ports
Automatic lubrication system with grease cartridge

Dimensions

Benefits

Rapid self-priming
without foot valve up to a height of 7.5 m (24.5 ft)

High resistance
to abrasive liquids and turbid sandy waters

Semi-open impeller
solids handling up to 25 mm (1")

Wear plate
Easily replaceable cast iron wear plate, front to the impeller

Easy maintenance
removable front cover for direct access to the impeller and eventual unclogging

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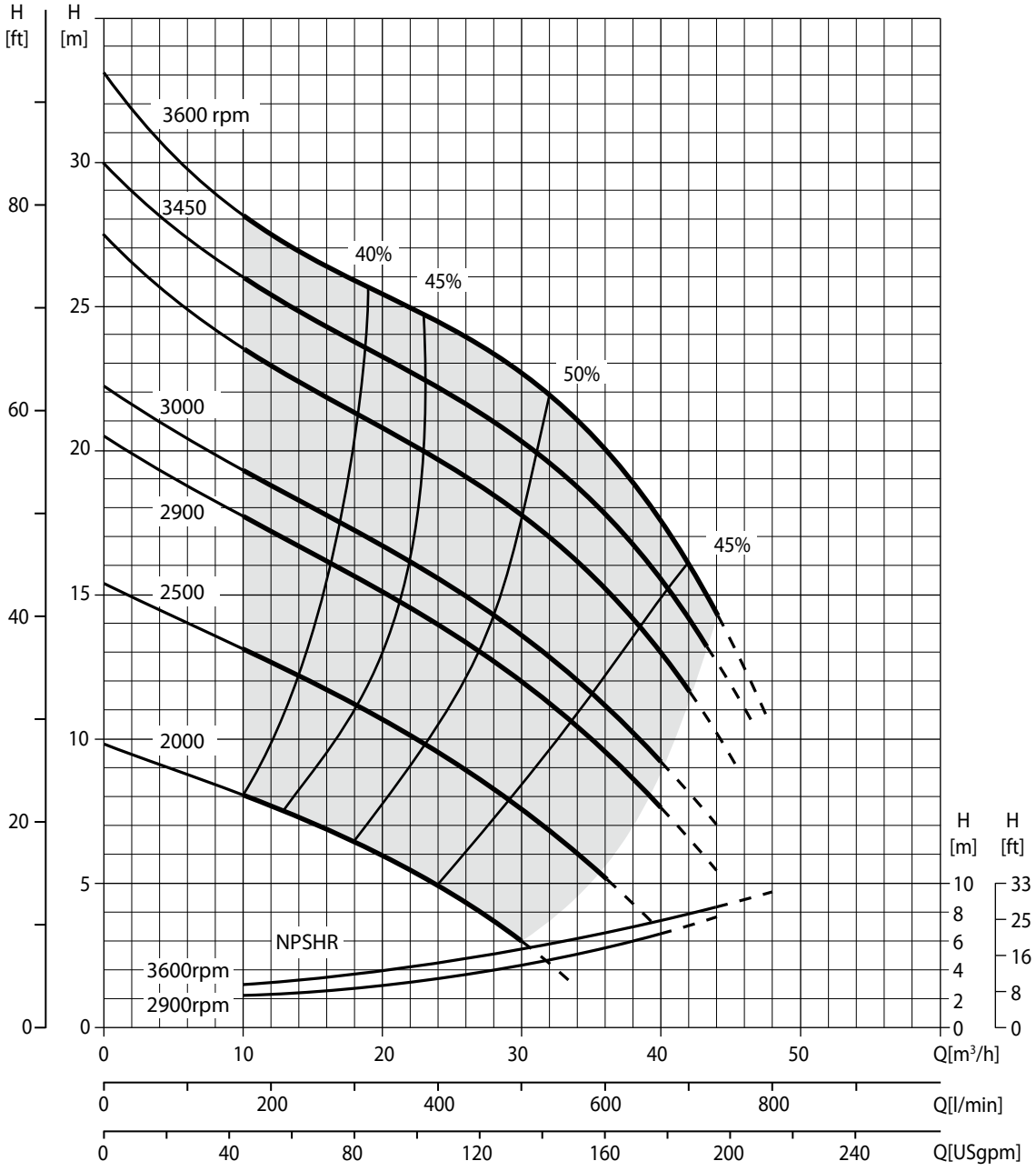
Performance curves

Test according to UNI EN ISO 9906 standard - level 2
Test liquid: clean water, density 1,000 kg/m³
Spherical solids handling: D.25 mm (1")

Priming time: 20 s from 1,5 m (4.9 ft)
Max absorbed power: 4,3 kW - 5.8 HP (3.600 rpm)
Electric motor power: 2,2 kW - 3,0 HP (2900 rpm) / 4,0 kW - 5,5 HP (3450 rpm)

Recommended operating range



HEMPEL Pumpen Technik

EN ISO 9001:2008 REG. NO 44 100 091767

Varisco S.p.A. has certified its Quality Management System in accordance with the requirements of the ISO 9001:2008 international standards. The quality of the product comes from the quality of the processes: standardise activities, enhance human resources, pursue a logic of continuous improvement aiming for the constant satisfaction of its Customers.

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