

# JS 2-120 G10

Bare shaft - Qmax 44 m<sup>3</sup>/h (190 USGPM) - Hmax 33 m (108 ft)



## Product data

Pump model	JS 2-120 G10
Qmax	44 m <sup>3</sup> /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

Indicative picture of the product

### 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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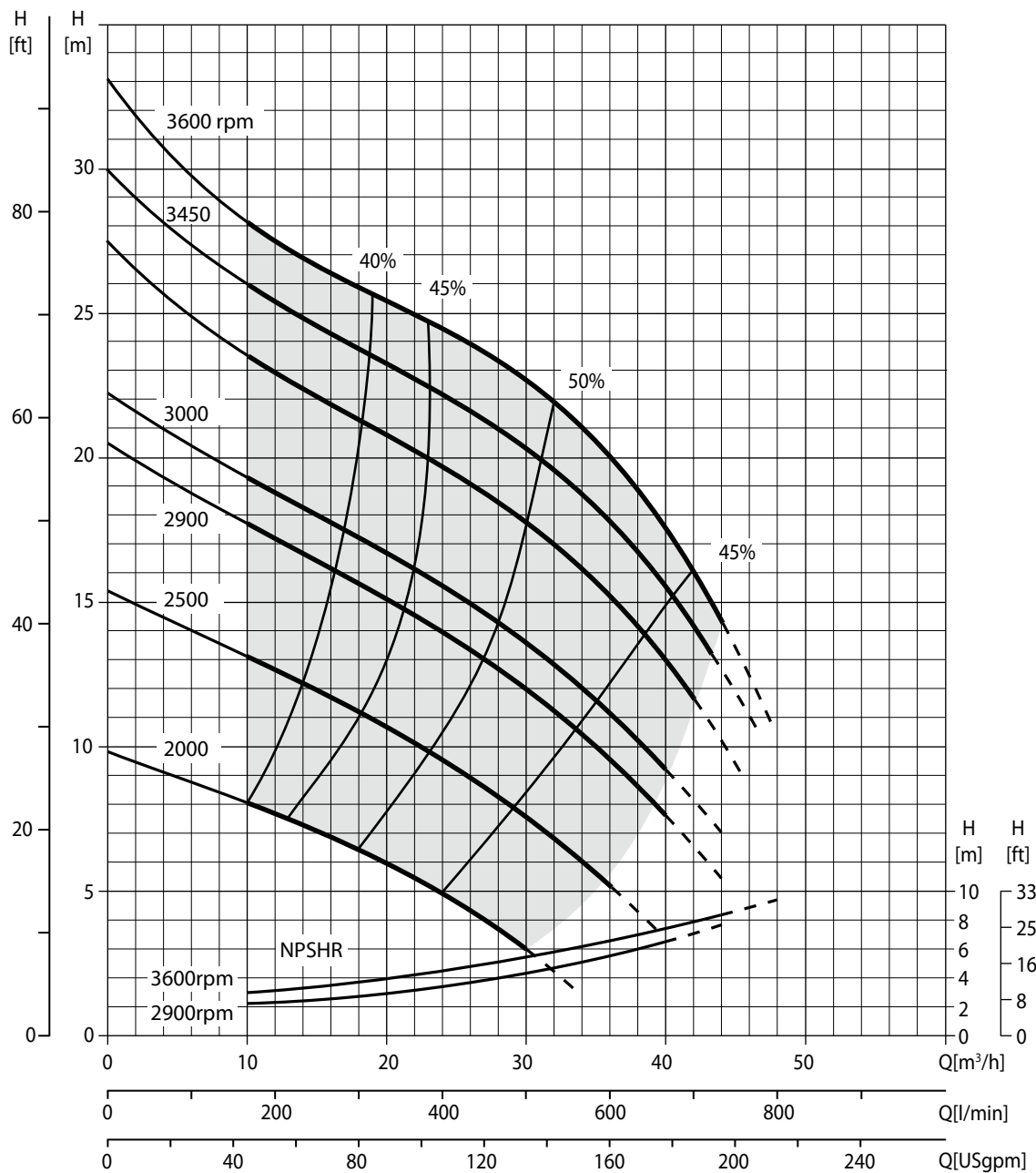


## Performance curves

Test according to UNI EN ISO 9906 standard - level 2  
Test liquid: clean water, density 1,000 kg/m<sup>3</sup>  
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



### EN ISO 9001:2008 REG. NO 44 100 091767

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