Product Reference - 8972824023

PAC H108 JD 325HP FT4

Diesel - Qmax 6,400 USgpm - Hmax 360 ft

Indicative picture of the product

PAC Head series

The pump system consists of a centrifugal pump and a separator, which enables air to be separated from the liquid and be sucked by a vacuum pump - making automatic priming possible. Even with suction heights of several feet the machine rapidly evacuates the air from the suction pipe and starts to pump. Additionally, thanks to the enclosed impeller, the PAC range is also suitable for pumping liquids with solids in suspension with best possible efficiency.

Applications

The PAC H108 Atlas Copco pump is designed to withstand toughest applications and delivers best in class pumping efficiency. One of the most common area of utilization is the mining and Oil & Gas segment where reliability, efficiency and versatility is the key to provide a customized solution. Other suitable applications within Construction and General dewatering, Municipal as well as General Industry are ideal for the PAC H108 pump. Atlas Copco pumps are packed with features that not only meet, but exceed the needs of our customers.

Benefits

Efficiency
The 17" impeller with 82% efficiency at B.E.P. provides best pumping result with minimal efforts

Solids handling
Closed impeller type with solids handling capability of 3.5" for trouble free operation

Foot print
Best in class foot print for the transport of 3x PAC H108 pumps on same trailer.

Serviceability
Semi cartridge seal and bolted front wear ring for easy service

Polyethylene Fuel tank
Corrosion-free PE tank provides longer lifetime and avoids tank cleaning due to oxidation

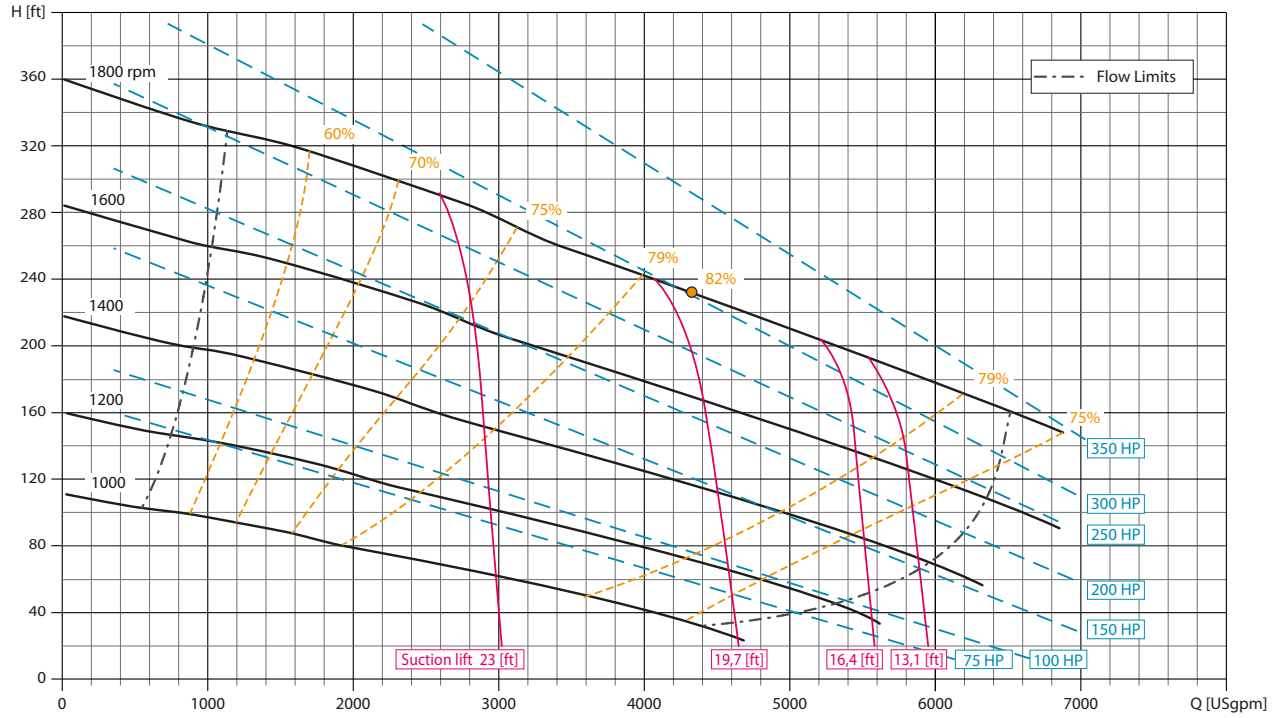
PAC H108 JD 325HP FT4

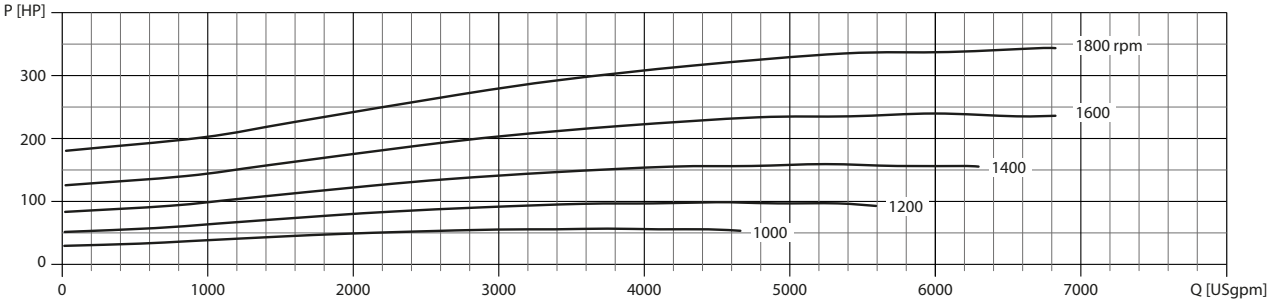
Performance curves

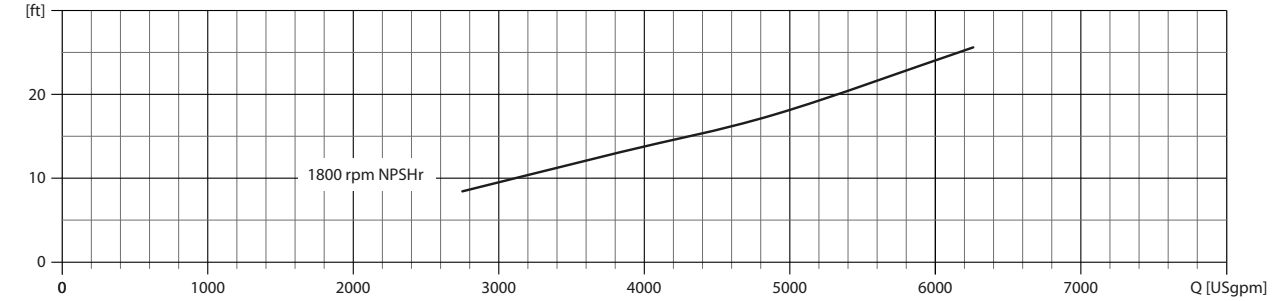
Test according to UNI EN ISO 9906 standard - level 2
Test liquid: clean water, density 62.43 lb/ft3 (8.345 lb/gal)

Losses from priming system and check valve not included

Speed	Impeller Dia.	Style	Solids Dia.	Ns	Suction	Discharge	No. Vanes
Various	17" / 440 mm	Enclosed	3.5" / 89 mm	1800 rpm	10" / 250 mm	8" / 200 mm	2







PAC H108 JD 325HP FT4

Technical data

Pump

Model	PAC H108
Qmax	6,400 USgpm
Hmax	360 ft
Q max eff.	4,270 USgpm
Eff. max	82 %
Suction port	10" Flange - ANSI class 150
Delivery port	8" Flange - ANSI class 150
Impeller type	Closed, 2 vane
Impeller diameter	17"
Solids handling	3.5"
Material	
Casing	ASTM A536 ductile iron
Impeller	ASTM A743 CA6NM
Wear ring	ASTM A48 Class 20 grey iron
Wear plate	ASTM A48 Class 20 Grey Iron + NBR rubber coating
Shaft	AISI 630 stainless steel
Mechanical Seal faces	Silicon carbide Vs Silicon carbide
Elastomers	VITON
Check Valve	ASTM A536 ductile iron + NBR rubber flap
Separator	Steel

Priming system

Vacuum pump	
Vacuum pump type	Diaphragm
Nominal air capacity	50.0 cfm
Max vacuum	- 26.6 inHg
Drives	Link belt

Engine

Make	John Deere
Model	6090HFC09
Type	Diesel turbo common rail
Displacement	549 in^3
No. cylinders	6
Cooling	Liquid with radiator
Rpm type	Variable
Max operating speed	1800 rpm
US emissions	EPA Tier 4F
Starting	Electric
Engine system voltage	24 V
Engine Power rating	325 HP

Control panel

Model	PW 1000
	Manual operation
	Automatic operation: start-stop with transducers or floats
	FleetLink Optional

Arrangement

Technical data	
Material	ASTM A36 steel
Coatings	Epoxy powder, average thickness of 3 MIL
Features	Lifting beam. Fork lift pockets. Pump access through hinged door. Protected PE fuel tank.
Battery	Acid charge Pb-Ca maintenance free, 2-12V - 1100 CCA Batteries
Fuel tank capacity	250 USG
DEF tank capacity	11.8 USG
Fuel consumption	14.7 US Gal/hr @1,800 rpm @82% eff.
Dry weight	11,375 lbs
Wet weight	13,400 lbs

Dimensional drawing

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