Product Reference

PAC H63C JD 173HP FT4

Diesel - Qmax 1,100 USgpm - Hmax 460 ft

Indicative picture of the product

PAC Flow 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. The PAC range is also suitable for pumping liquids with solids in suspension with best possible efficiency.

Applications

The PAC H63C 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 H63C pump Atlas Copco pumps are packed with features that not only meet, but exceed the needs of our customers.

Bene□ts

Efficiency
The 17" impeller with 69% efficiency at B.E.P. provides best pumping result with minimal efforts

Foot print
Best in class foot print for the transport of 3x PAC H63C 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

Easy maintenance
Hinged cover for direct access to the impeller and pump volute

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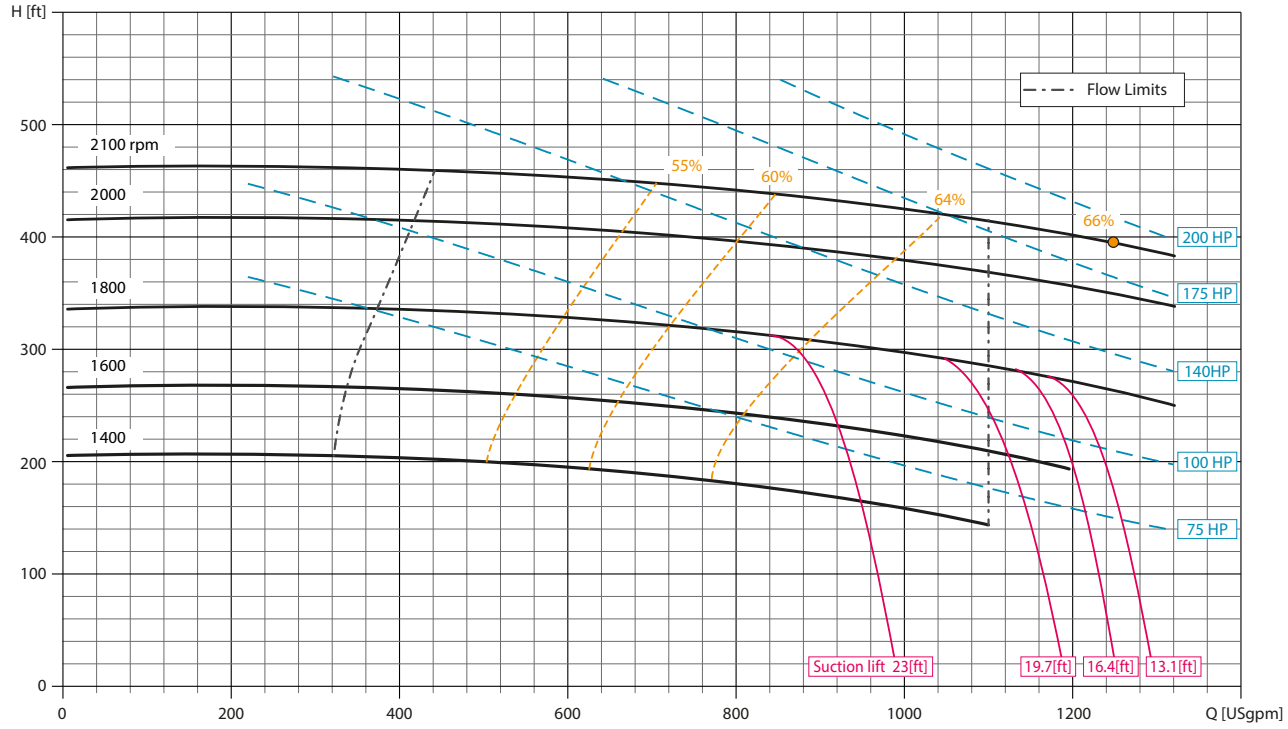
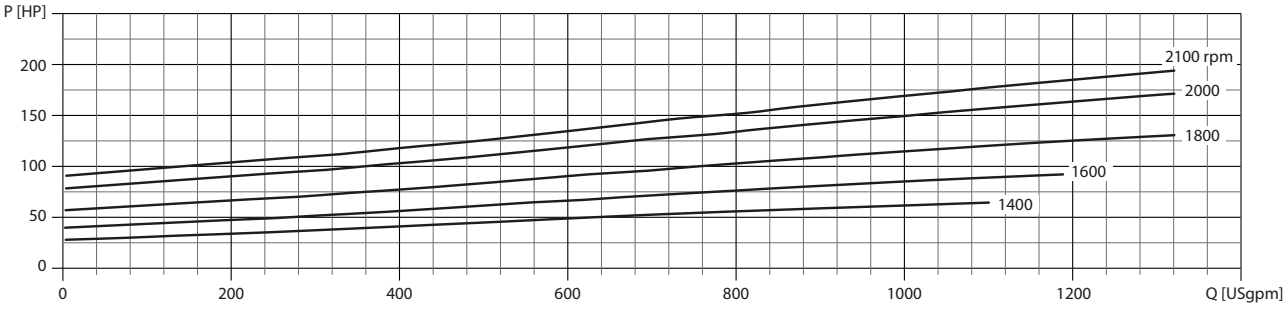
Performance curves

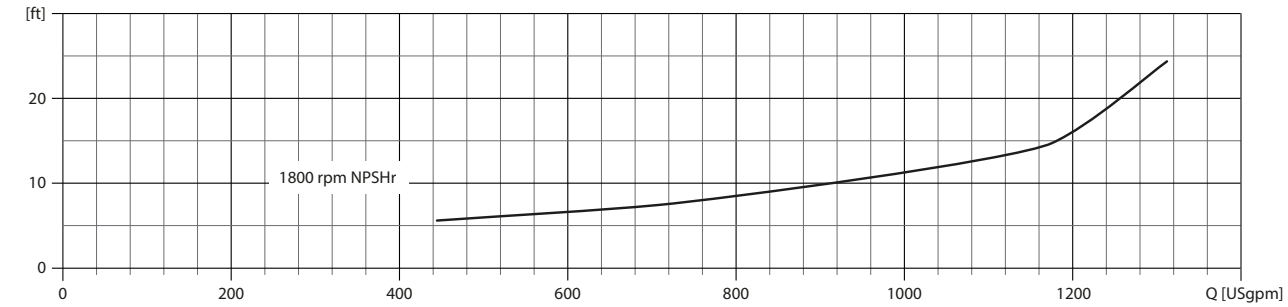
Test according to UNI EN ISO 9906 standard - level 2B
Test liquid: clean water, density 62.43 lb/ft3 (8.345 lb/gal)

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	0.75" / 20 mm	2100 rpm	6" / 150 mm	3" / 80 mm	4







PAC H63C JD 173HP FT4

Technical data

Pump

Model	PAC H63C
Qmax	1,100 USgpm
Hmax	460 ft
Q max eff.	1,240 USgpm
Eff. max	66 %
Suction port	6" Flange - ANSI class 150
Delivery port	3" Flange - ANSI class 80
Impeller type	Enclosed, 4 vane
Impeller diameter	17"
Solids handling	0.75"
Material	
Casing	ASTM A536 ductile iron
Impeller	ASTM A743 CA6NM
Wear ring	ASTM A48 Class 20 cast iron
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	Fabricated steel

Priming system

Vacuum pump	
Vacuum pump type	Diaphragm
Nominal air capacity	50 cfm
Max vacuum	- 26.6 inHg
Drives	Link belt

Engine

Make	John Deere
Model	4045HFC06
Type	Diesel turbo common rail
Displacement	275 in^3
No. cylinders	4
Cooling	Liquid with radiator
Rpm type	Variable
Max operating speed	2100 rpm
US emissions	EPA Tier 4F
Starting	Electric
Engine system voltage	12 V
Engine power rating	173 HP

Control panel

Model	PW 1000
	Manual operation
	Automatic operation: start-stop with transducers or floats
	MC4+ Telematics

Arrangement

Technical data	
Material	ASTM A36 steel
Coatings	Epoxy powder, average thickness of 3 MIL
Features	Lifting beam, hinge door, protected PE fuel tank
Battery	Acid charge Pb-Ca maintenance free, 12V - 1150 CCA
Fuel tank capacity	173 USG
DEF tank capacity	9.2 USG
Fuel consumption	7.8 USG/hr
Dry weight	7213 lbs
Wet weight	8763 lbs

Dimensional drawing

[in]