



# **Technical Data** **Centrifugal Single Stage PTO Tractor Pump -** **JCA 80-741A1**

Revision no.

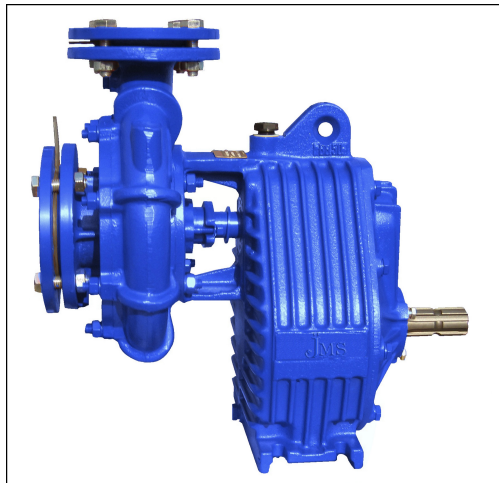
Page:

1

Receiver

From

Company name  
 Respons. Department  
 Person in charge  
 Phone number  
 Fax no  
 E-mail address



**Brand: JMS**

**Model: JCA 80-741A1**

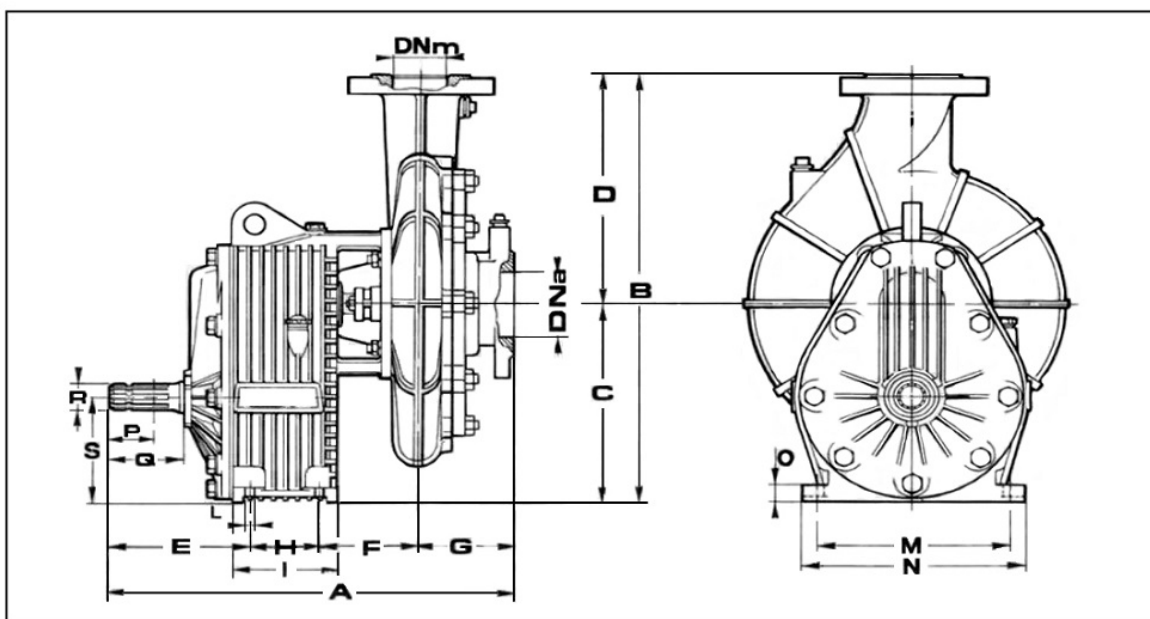
  
 MADE IN ITALY

**Weight**

**lb.**

150

## **Dimensions:**



### **Inlet and Outlet Flange**

DNa	DNm
4	3

### **Pump Installation Size (inch)**

A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	S
19	19	10	10	7	6	4	3	4	1	9	10	1	2	3	1 3/8	5

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## Performance Curves

### Centrifugal Single Stage PTO Tractor Pump - JCA 80-741A1

Revision no.

Page:

2

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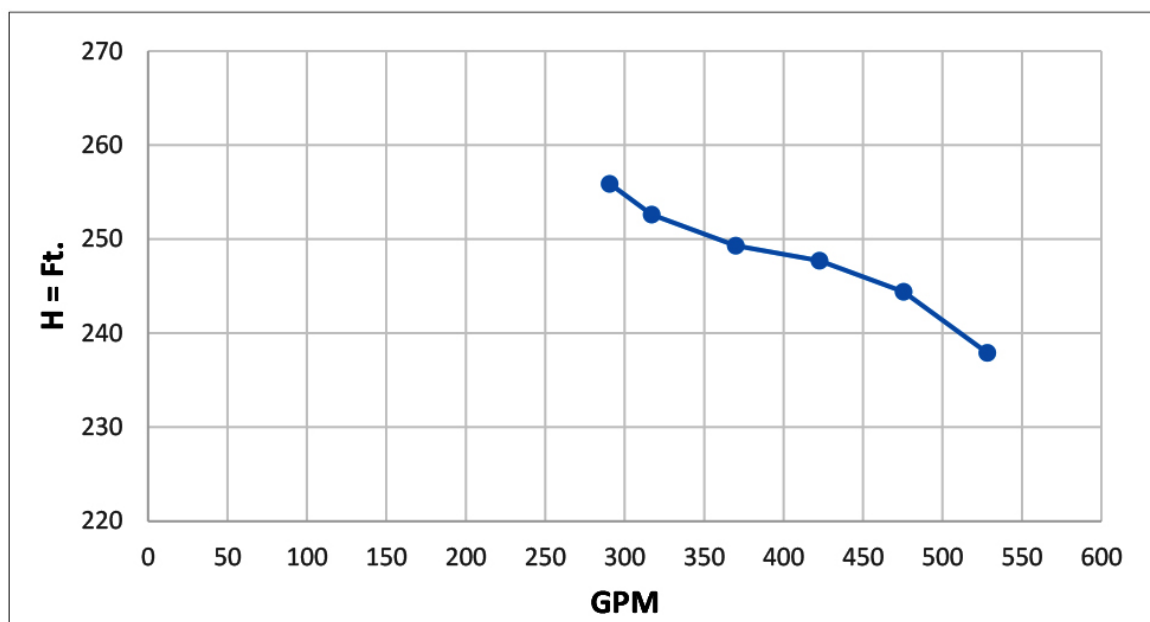
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Model	Impeller (in.)		HP	R.P.M. PTO	Ratio	R.P.M. Pump	Capacity						
	Ø	Opening					Gal/Min	290.6	317	369.8	422.7	475.5	528.3
JCA 80-741A1	8.3	0.6	55	459	1 : 7.41	3400	Ft.	255.9	252.6	249.3	247.7	244.4	237.9
							Cv ass.	38	39	41.5	43.5	45	46.5



### Parts List and Materials:

An exploded view diagram of a pump assembly. The components are numbered 1 through 8. 1 is the suction cover, 2 is the impeller, 3 is the pump casing, 4 is the mechanical seal, 5 is the gear box, 6 is the pinion, 7 is the driving wheel, and 8 is the protection carter. The diagram shows the assembly sequence from the casing to the drive mechanism.

## Parts List

## Material

1	SUCTION COVER	Grey fine grained cast iron
2	IMPELLER	Grey fine grained cast iron
3	PUMP CASING	Grey fine grained cast iron
4	MECHANICAL SEAL	Or packing gland
5	GEAR BOX	Grey fine grained cast iron
6	PINION	Cemented and tempered steel
7	DRIVING WHEEL	Cemented and tempered steel
8	PROTECTION CARTER	Nylon

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