

Form No.	Issue Date	Rev. Date
DS-1006	04/19/96	04/11/05

WATEROUS CGG SERIES PUMPS

DESCRIPTION: MIDSHIP MOUNTED SINGLE STAGE CENTRIFUGAL FIRE PUMP

CAPACITIES AND RATINGS:

500 GPM at 150 psi net pressure
750 GPM at 150 psi net pressure

Refer to performance sheets for performance data.

Test Pressure Limits: Hydrostatic – Cast Iron Body, 500 PSIG
Bronze Body, 500 PSIG
Running – 350 PSIG maximum discharge pressure

SPECIFY A COMPLETE PUMP AS FOLLOWS:

1.) VEHICLE INFORMATION

(See order form)

2.) PUMP INFORMATION

Rated Capacity–

U.S. GPM: 500, 750
L/min.: 2000, 3000
Imperial GPM: 410, 620

Certification–

NFPA or list other if required

Additional (Dual) Rating–

List capacity of dual rating if required

DATA SHEET

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3.) PUMP MODEL

Complete Pump/Transmission Model–

See table on page 5

Material–

Standard – Cast iron body and fittings, bronze fitted

Optional– Bronze body and fittings

(See form F–2011 for additional information on materials)

4.) TRANSMISSIONS

4a.) WB Series– See data sheet DS–2002

4b.) Y Series– See data sheet DS–2003

4c.) K Series– See data sheet DS–2000

4d.) PA Series– See data sheet DS–2004

5.) IMPELLER SHAFT

Shaft Material–

Standard: 17–4 Stainless steel

Optional: K500 Monel (available with “K” transmission only)

Seal Type–

Standard: Self–adjusting mechanical seal

Impeller Part No.–

Flame Plating

Standard – Without

Optional – With

Part Number

71887 (CW input rotation)

6.) PRESSURE CONTROL SYSTEM

6a.) Discharge Relief Valve System– See data sheet DS–4004

6b.) Intake Relief Valve– See data sheet DS–4004

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7.) INTAKE

7d.) Intake Extensions (Use For Wider Panel Widths)–

Standard – Without

Optional — { Left Side – 1 in., 2 in., 4 in.
Right Side – 1 in., 2 in., 4 in.

7e, 7f.) Left and Right Intake Fittings–

Select a fitting to be mounted on the pump plus any auxiliary fittings mounted on the main fitting pads.

Also select an intake screen if required.

See data sheet DS–4003

8.) DISCHARGE

8b, 8c.) Left and Right Pad Fittings–

Select a fitting to be mounted on the pump plus any auxiliary fittings and discharge valves mounted on the main fitting pads

See data sheet DS–4001 (discharge and auxiliary fittings)

See data sheet DS–4000 (discharge valves)

8d.) Center Discharge Piping–

Select fittings and valves to be mounted on this pad.

See data sheet DS–4001 (auxiliary fittings)

See data sheet DS–4000 (discharge valves)

8e.) Additional Discharge Valves–

List all valves to be shipped loose

See data sheet DS–4000

8e.) Discharge Valve Accessories–

List any control rods, panel items, etc.

See data sheet DS–4000

9.) PRIMING SYSTEM

9a.) Priming Pump– See data sheet DS–4002

9b.) Priming Valve– See data sheet DS–4002

9c.) Priming Tank– See data sheet DS–4002

9d.) Prime–Safe Lubricant– See data sheet DS–4002

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10.) FOAM SYSTEM

10a.) **Foam Manager**– See data sheet DS–4010

10b.) **FoamPro Accessories**– See data sheet DS–4010

11.) DRAIN VALVE

See data sheet DS–4006

12.) MISCELLANEOUS

12a.) **Additional Fittings**– List any additional discharge and auxiliary fittings which are to be shipped loose

See data sheet DS–4001

12b.) **Other Items**– List any miscellaneous items such as Monarch BFV items, kits as required

See data sheet DS–4009

13.) SPECIALITY ITEMS

13a.) **Warranty**– See data sheet DS–4008

13b.) **Paint**– See data sheet DS–4008

13c.) **Extra Operators Manuals**– See data sheet DS–4008

13d.) **Operation and Maintenance Video**– See data sheet DS–4008

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AVAILABLE MODELS:

Table 1. CGG Series Pumps

Capacities and Ratings	Basic Pump Model	Available Drives				Complete Pump/Trans Model	Assembly No.	Drawing
		Trans Series	Trans Type	Trans Model	Driveline Size			
500, 750 GPM at 150 psi	CGG	Y	Split Shaft, Chain Drive	YB, YC, YD, YE, YF	2 in.–10 SAE, or 2–38T Involute	CGGYB	82066	DPL82066
						CGGYC		
						CGGYD		
						CGGYE		
						CGGYF		
				YBX, YCX, YDX, YEX, YFX	2.35–46T Involute	CGGYBX		
						CGGYCX		
						CGGYDX		
						CGGYEX		
						CGGYFX		
		W	Split Shaft, Chain Drive	WB	1–3/4–10 SAE	CGGWB	82066–1	
				WBX	2 in.–10 SAE	CGGWBX		
		K	Two–Gear No Clutch	Heavy Duty K	1–3/8–10 SAE	CGGK	82058–2	
		P	PTO Chain Drive	PA	1–1/2–10 SAE	CGGPA	82066–3	