



Data Sheet

Form No.	Issue Date	Rev. Date
DS-1004	02/18/13	2/15/21

WATEROUS CPK-4 SERIES PUMPS

DESCRIPTION: FOUR STAGE CENTRIFUGAL FIRE PUMP

CAPACITIES AND RATINGS:

CP-4: 60 GPM at 1000 psi net pressure

CP-4UH: 90 GPM at 1350 psi net pressure

Consult Waterous Company for special ratings

Refer to performance sheets for performance data.

Test Pressure Limits: CP-4: Hydrostatic - Iron and Bronze, 1000 PSIG

CP-4UH: Hydrostatic - Iron Only, 2022 PSIG

Running - 1350 PSIG maximum discharge pressure

CP4 PUMPS ARE AVAILABLE AS FOLLOWS:

Table 1. CP-4 Series Models:

Basic Model	Intake	Discharge	Input Rotation	Available Drive				Complete Pump/ Trans Model	Assy No.	Drawing
				Trans Series	Mounting	Type	Model			
CP4	2 in. NPT	1-1/2 in. NPT	CW	K	PTO	Two-Gear no Clutch	Medium Duty K	CPK-4	80516	DPL80516
				T	Direct Engine	Two-Gear no Clutch	Medium Duty T			
CP-4UH	2 in. NPT	1-1/2 in. NPT	CW	T	Direct Engine	Two-Gear no Clutch	Medium Duty T	CPT-4UH	83149	DPL83149

SPECIFY A COMPLETE PUMP AS FOLLOWS:

1.) VEHICLE INFORMATION

(See order form)

2.) PUMP INFORMATION

Rated Capacity-

CP-4: U.S. GPM: 60

CP-4UH: U.S. GPM: 90

Certification-

NFPA or list other if required

DATA SHEET

WATEROUS CP4 SERIES PUMPS

3.) PUMP MODEL

Complete Pump/Transmission Model-

See table on page 1

Material-

Cast iron body and fittings, bronze fitted

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

Pump Discharge Position-

CP-4: Up, left, right, down

CP-4UH: Up only

(Note: Left and right discharge positions do not allow for complete draining of pump)

4.) TRANSMISSIONS

4a.) K Series- See data sheet DS-2000 (CP-4 models only)

4b.) T Series- See data sheet DS-2001 (CP-4 and CP-4UH models)

5.) IMPELLER SHAFT

Shaft Material- 416 Stainless

Seal Type- Braided flexible graphite (BFG) adjustable packing

Impeller Part Numbers- 73269, 73270

7.) PRESSURE CONTROL SYSTEM

7a.) Discharge Relief Valve System- See data sheet DS-4004

7b.) Intake Relief Valve- See data sheet DS-4004

8.) INTAKE

8a.) Intake Size- 2 in. NPT

9.) DISCHARGE

9a.) Discharge Size-

1-1/2 in. NPT

9b.) Additional Discharge Valves-

List all valves to be shipped loose

See data sheet DS-4000

9c.) Discharge Valve Accessories-

List any control rods, panel items, etc.

See data sheet DS-4000

DATA SHEET

WATEROUS CP4 SERIES PUMPS

10.) PRIMING SYSTEM

- 10a.) **Priming Pump-** See data sheet DS-4002
- 10b.) **Priming Valve-** See data sheet DS-4002
- 10c.) **Priming Tank-** See data sheet DS-4002
- 10d.) **Prime-Safe Lubricant-** See data sheet DS-4002

12.) DRAIN VALVE

See data sheet DS-4006

13.) MISCELLANEOUS

- 13a.) **Additional Fittings-** List any additional discharge and auxiliary fittings which are to be shipped loose.
See data sheet DS-4001
- 13b.) **Other Items-** List and miscellaneous items such as Monarch BFV items, kits as required.
See data sheet DS-4009

14.) SPECIALITY ITEMS

- 14a.) **Warranty-** See data sheet DS-4008
- 14b.) **Paint-** See data sheet DS-4008