

HIGH TEMPERATURE AND RUN DRY CAPABILITIES



Handles Liquids up to 200°F (93.3°C)

High temperature liquids place extraordinary demands on system components, especially the pump. Pre-mature pump failure can lead to production downtime, added maintenance costs, damaged final product and increased personnel hazards. Cat Pumps® high temperature seals can handle liquids up to 200°F (93.3°C) and can perform in intermittent run dry conditions. These pumps are available in a wide variety of flows and pressures handling a variety of applications.

Features and Benefits:

- Performs with liquid temperatures up to 200°F (93.3°C) will perform in intermittent run dry conditions
- Pumps are field proven and designed for rigorous industrial continuous duty applications
- Brass, nickel aluminum bronze and stainless steel construction to meet any application requirement
- Pump family ranges from 0.5 – 20 gpm (1.9 – 76.0 lpm) at 1000 – 3500 psi (70 – 245 bar) meeting a broad range of applications
- Broad range of drive options with the same industrial quality you expect from Cat Pumps

Applications:

- Carpet cleaning
- In-plant cleaning and sanitizing
- Vehicle cleaning
- Conveyor belt cleaning
- Oil rig wash down
- Restaurant cleaning
- Contractor cleaning
- Hood vent cleaning

High Temperature Plunger Pumps Ordering



3CP1120.3400
(Rails and shaft protector sold separately)



5CP15140.3400
(Rails and shaft protector sold separately)



5CP6120.3400
(Rails and shaft protector sold separately)

Brass Manifolds

Note: Pumps in *italics* indicate an optional performance rating. Technical data sheets are available for each pump model at www.catpumps.com.

Model	gpm	lpm	psi	bar	HP	KW	RPM	Drives
230.3400	2.3	8.7	1500	105	2.4	1.8	1725	Belt, Bell Housing, Clutch
3CP1130.3400 *	2.4	9.1	2200	155	3.6	2.7	1725	Belt, Bell Housing, Clutch
270.3400	3.5	13.2	1500	105	3.6	2.7	1420	Belt, Bell Housing, Clutch
240.3400	3.6	13.6	1200	85	3	2.2	1725	Belt, Bell Housing, Clutch
3CP1140.3400 *	3.6	13.6	2200	155	5.4	4.0	1725	Belt, Bell Housing, Clutch
5CP2120B.3400	4	15.1	2500	175	6.9	5.1	950	Belt, Clutch
5CP2120W.3400	4	15.1	2500	175	6.9	5.1	950	Belt, Clutch
5CP2140B.3400	4	15.1	2500	175	6.9	5.1	1725	Belt, Bell Housing, Clutch
5CP2140WCS.3400	4	15.1	2500	175	6.9	5.1	1725	Belt, Bell Housing, Clutch
3CP1120.3400 *	4.2	15.9	2200	155	6.3	4.7	1725	Belt, Bell Housing, Clutch
5CP3120.3400	4.5	17.0	3500	245	10.8	8.1	1645	Belt, Bell, Clutch
5CP3120CSS.3400	4.5	17.0	3500	245	10.8	8.1	1645	Belt, Bell, Clutch
5CP3120CSSG1.3400	4.5	17.0	3500	245	10.8	8.1	3353	Gearbox
5CP2150B.3400	5	18.9	2000	140	6.9	5.1	1725	Belt, Bell Housing, Clutch
5CP2150W.3400	5	18.9	2000	140	6.9	5.1	1725	Belt, Bell Housing, Clutch
5CP5120.3400	5	18.9	3000	210	10.3	7.7	1415	Belt, Clutch
5CP5150G1.3400	5	18.9	3000	210	10.3	7.7	3200	Gearbox
5CP5140.3400	5.5	20.8	3500	245	13.2	9.8	1500	Belt, Clutch
5CP5140CSSG1.3400	5.5	20.8	3500	245	13.2	9.8	1570	Gearbox
5CP6120.3400	6	22.7	1600	110	6.6	4.9	1400	Belt, Clutch
5CP6120CSSG1.3400	6.7	25.4	1600	110	7.3	5.4	3200	Gearbox
7CP6110G1.3400	10	37.9	2000	140	13.7	10.2	1667	Gearbox
1050.3400	10	37.9	2200	155	15.1	11.3	958	Belt, Clutch
660.3400	10	37.9	3000	210	20.6	15.4	1429	Belt, Clutch
7CP6110.3400	10.5	39.7	2000	140	14.4	10.7	1750	Belt, Bell Housing, Clutch
7CP6170.3400	11	41.6	2000	140	15.1	11.3	1450	Belt, Clutch
<i>1050.3400</i>	<i>12</i>	<i>45.4</i>	<i>1800</i>	<i>125</i>	<i>14.8</i>	<i>11.0</i>	<i>1150</i>	<i>Belt, Clutch</i>

* Production pumps after April 2010 include a chamfer on the seal case surface to assure proper low pressure seal installation without the risk of damaging the seal. To retrofit models prior to April 2010, use seal kit 76526 which includes the new chamfered seal case (46625). The non-chamfered seal case (49426) has been obsoleted. For more information on retrofitting these 3CP models see Technical Bulletin #110 at catpumps.com.

Check out catpumps.com for all of your pumping needs.



241.3400
(Rails and shaft protector sold separately)



3CP1221.3400
(Rails and shaft protector sold separately)



1051.3400
(Rails and shaft protector sold separately)

316 Stainless Steel Manifolds

Model	gpm	lpm	psi	bar	HP	KW	RPM	Drives
2SF05SEEL.3400	0.5	1.9	1200	85	0.4	0.3	1725	Hollow shaft-electric
2SF10SEEL.3400	1	3.8	1200	85	0.8	0.6	1725	Hollow shaft-electric
2SF15SEEL.3400	1.5	5.7	1200	85	1.2	0.9	1725	Hollow shaft-electric
2SF22SEEL.3400	2.2	8.3	1200	85	1.8	1.3	1725	Hollow shaft-electric
231.3400	2.3	8.7	1500	105	2.4	1.8	1725	Belt, Bell Housing, Clutch
3CP1231.3400	2.3	8.7	2000	140	3.2	2.4	1725	Belt, Bell Housing, Clutch
2SF25SEEL.3400	2.5	9.5	1200	85	2.1	1.5	1725	Hollow shaft-electric
2SF35SEEL.3400	3.5	13.2	1200	85	2.9	2.1	1725	Hollow shaft-electric
271.3400	3.5	13.2	1500	105	3.6	2.7	1420	Belt, Bell Housing, Clutch
241.3400	3.6	13.6	1200	85	3	2.2	1725	Belt, Bell Housing, Clutch
3CP1241.3400	3.6	13.6	2000	140	4.9	3.7	1725	Belt, Bell Housing, Clutch
2SF42SEEL.3400	4.2	15.9	1000	70	2.9	2.1	1725	Hollow shaft-electric
3CP1221.3400	4.2	15.9	2000	140	5.8	4.3	1725	Belt, Bell Housing, Clutch
7CP6111G1.3400	10	37.9	2000	140	13.7	10.2	1667	Gearbox
1051.3400	10	37.9	2200	155	15.1	11.3	958	Belt, Clutch
1051C.3400	10	37.9	2200	155	15.1	11.3	958	Belt, Clutch
7CP6111.3400	10.5	39.7	2000	140	14.4	10.7	1725	Belt, Bell Housing, Clutch
7CP6171.3400	10.5	39.7	2000	140	14.4	10.7	1450	Belt, Clutch
1051.3400	12	45.4	1800	125	14.8	11.0	1150	Belt, Clutch
2511.3400	20	75.7	1500	105	20.6	15.4	1450	Belt

Nickel Aluminum Bronze Manifolds

1057.3400	10	38	2200	155	15.1	11.3	958	Belt, Clutch
1057.3400	12	45	1800	125	14.8	11	1150	Belt, Clutch



Need more detail?

Find Product Data Sheets online at catpumps.com



Recommended Accessories

Pump seal and valve kit information can be found on the pump data sheets at catpumps.com.

Manifold	Pump Model	Primary Pressure Control		Secondary Pressure Control		Discharge Gauge	Mounting Rails	Accumulator	LPS Monitor	Crankcase Oil Kit	Seal Kit ¹	Valve Kit ²
		Regulator	Unloader	Relief Valve	Pop-Off Valve							
Brass	3CP	7003	7672	7672.100	33961S	6097	30612	6030	Not Available	76334	76983	33062
	5CP	7013	7672	7672.100	33961S	6097	30611	6030	Not Available	76334	76536, 76556, 76960	30821, 33060, 30820 ³
	270	7002	7670	7670.100	33961S	6097	30612	6030	Not Available	76334	30735	30915
	240	7002	7670	7670.100	33961S	6097	30612	6030	Not Available	76334	30735	30915
	660	7014	7535	7535.100	Use Relief Valve	6097	30613	6030	30664, 30664.120AC	76334	76056	30820
	1050	7023	7534	7534.100	Use Relief Valve	6097	30613	6030	30664, 30664.120AC	76334	76061	34920
	7CP	7023	7534	7534.100	Use Relief Valve	6097	30613	6030	Not Available	76144	76068	34920
NAB	1057	7023.100	7533	7533.100	Use Relief Valve	6097	30613	6030	30664, 30664.120AC	76334	76062	34387
Stainless Steel	2SF	7002.100	7501	7501.100	9961S	6097	Not Available	6030	Not Available	990394	76052	34972, 76972 ⁴
	231	7002.100	7501	7501.100	9961S	6097	30612	6030	Not Available	76074	76051	30982
	271	7002.100	7501	7501.100	9961S	6097	30612	6030	Not Available	76074	76051	30982
	241	7002.100	7501	7501.100	9961S	6097	30612	6030	Not Available	76074	76051	30982
	1051	7023.100	7533	7533.100	Use Relief Valve	6097	30613	6030	30664, 30664.120AC	76074	76062	34387
	7CP	7023.100	7531	7531.100	Use Relief Valve	6097	30613	6030	Not Available	76144	76072	76387
	2511	7022.100	7531	7531.100	Use Relief Valve	6097	30614	6013	30290	76144	76067	31270

¹ Seal kit selection for 5CP series brass pumps will vary by pump model. Kit 76536 used on 5CP2120W, 5CP2140WCS, 5CP2150W, 5CP6120 and 5CP6120CSSG1. Kit 76556 used on 5CP3120, 5CP3120CSS and 5CP3120CSSG1. Kit 76960 used on 5CP5120, 5CP5140, 5CP5140CSSG1 and 5CP5150G1. Note: High temperature seals have no elastomeric memory and the seal lip can be easily damaged if not installed properly. Seals should be fully supported and pressed into the manifold or seal case using an arbor press.

² Buna O-rings in all valve kits. Two valve kits are required per pump except for 2SF stainless steel models, 270, 240, 231, 271 and 241 that require one valve kit.

³ Valve Kit 30821 used on 5CP2120W, 5CP2140WCS, 5CP2150W. Valve kit 33060 used on 5CP3120, 5CP3120CSS, 5CP3120CSSG1, 5CP5120, 5CP5140, 5CP5140CSSG1 and 5CP5150G1. Valve kit 30820 used on 5CP6120 and 5CP6120CSSG1.

⁴ Valve Kit 34972 used on 2SF05EEL, 2SF10SEEL, 2SF15SEEL, 2SF22SEEL, 2SF25SEEL and 2SF35SEEL. Valve kit 76972 used on 2SF42SEEL.

For Unmatched Reliability Choose Cat Pumps High Temperature Pumps.

CAT PUMPS

1681 94th Lane NE, Minneapolis, MN 55449

Phone: 763.780.5440 Fax: 763.780.2958 e-mail: techsupport@catpumps.com www.catpumps.com