

Pressure Washing Solutions

Longest-Lasting Pumps and Accessories





Keep Your Pressure Washer Running with Cat Pumps

One of the most critical components in a pressure wash system is the pump. The pump transfers energy from the engine/motor to move water and wash solutions under pressure to the nozzle. Because the pump needs to withstand system pressures and works with a variety of fluids, it has a tough job to do. Specifying the best pump for the application is vital to long trouble-free service. That's where Cat Pumps comes into play.

Cat Pumps extensive product line provides a solution for every pressure washing application — portable or stationary:

- Direct-drive pumps for gas and electric systems provide an economical solution with a compact footprint.
- Belt-drive pumps offer flexibility in meeting your performance requirement.
- Gearbox pumps mount directly to gas engines for heavyduty portable washing applications.
- Bell housing and flexible coupling motor-pump units provide a durable direct-drive alternative.
- Custom power units for large industrial pressure cleaning.
- Accessories to match each pump or custom pressure washing system performance.



Cat Pumps Offers Lowest Cost of Ownership

When quality counts, Cat Pumps is the #1 choice for pressure washer pumps. Cheaper pumps can be found, but saving a few dollars up front can be costly in the long run. Downtime is expensive, and preventing just one hour of unexpected interruption can make up the difference. Get work done — with far fewer hassles — by specifying Cat Pumps.

Cat Pumps customers enjoy the following benefits:

- Higher productivity and less downtime
- Fewer repairs and much lower maintenance costs
- Greater confidence in equipment performance

Quality You Need to Keep Your Equipment Running

Cat Pumps designs and builds products to the highest quality levels. Every last design detail is optimized for product life and performance.

- Specially-formulated seals and high-density, polished ceramic plungers typify the attention to design detail that results in thousands of hours of trouble-free service
- Stainless steel valves, seats and springs provide corrosion resistance, positive seating and long life
- Wet seal design increases service life by allowing pumped fluids to cool and lubricate the elastomers on both sides



Product Specification Range

A wide range of pump options are available, including a variety of products that meet industry certifications and directives.

- Flow: 0.13 to 240 gpm (0.49 to 908 lpm)
- Pressure: 100 to 10,000 psi (6.9 to 689 bar)
- RPM: 100 to 3450
- Liquid Temperature: -10° to 200°F (-23° to 93°C)
- Manifold Materials: Brass, Nickel Aluminum Bronze, 304 and 316 Stainless Steel,
 Duplex Stainless Steel, with other materials available upon request
- Sealing Material: NBR, FPM, EPDM, FFKM, silicone-free and other materials available upon request
- Drives: Electric, Engine, Hydraulic, Pneumatic



Model 3560 20 gpm (76 lpm), 4000 psi (276 bar)



DIRECT DRIVE, HOLLOW SHAFT

%" NEMA 56C



4DX30EU w/ Electric Motor

PUMP MODEL	SHAFT SIZE	FL(GPM	OW LPM	MAX. PR PSI	ESSURE BAR	PUMP RPM
4DX15EU	5/8"	1.5	5.7	2000	138	3450
4DX20EU	5/8"	2.0	7.6	2000	138	3450
4SP21ELU	5/8"	2.1	7.9	2000	138	1750
2SF22ES	5/8"	2.2	8.3	2000	138	3450
4DX27EU	5/8"	2.7	10.2	2000	138	3450
4SP29ELU	5/8"	2.9	11.0	1200	83	1750
4DX30EU	5/8"	3.0	11.4	1500	103	3450
2SF35ES	5/8"	3.5	13.2	1500	103	3450

NOTE: All 3450 rpm rated pumps can operate at 1725 rpm, thus reducing flow by 50%. Electric Motor Horsepower (HP) = gpm x psi / 1460

DIRECT DRIVE, HOLLOW SHAFT

11/8" Electric NEMA 184TC



5SP35ELU w/ Electric Motor

PUMP	SHAFT	FLO	OW	MAX. PR	ESSURE	PUMP
MODEL	SIZE	GPM	LPM	PSI	BAR	RPM
5SP30ELU	1 1/8"	3.0	11.4	3000	207	1750
5SP35ELU	1 1/8"	3.5	13.2	2500	172	1750
5SP40ELU	1 1/8"	4.0	15.1	2000	138	1750

Electric Motor Horsepower (HP) = gpm x psi / 1460

DIRECT DRIVE, HOLLOW SHAFT

34" Engine and Motor



4DNX25GSI w/Engine

PUMP MODEL	SHAFT SIZE	FL(GPM	OW LPM	MAX. PR PSI	ESSURE BAR	PUMP RPM
4DNX25GSI	3/4"	2.5	9.5	3000	207	3450
4DNX27GSI	3/4"	2.7	10.2	3000	207	3450
4DX29GUIF	3/4"	2.9	11.0	2600	179	3450
2SF30GS	3/4"	3.0	11.4	2000	138	3450
2SFX30GZ	3/4"	3.0	11.4	2500	172	3450
2SF35GS	3/4"	3.5	13.2	2000	138	3450

NOTE: Remove gas adapter plate when mounting pump to 34" shaft electric motor.

Approximate Gas Engine Horsepower (HP) = $gpm \times psi / 1140$.

Consult engine manufacturer for actual torque available at required speed.

DIRECT DRIVE, HOLLOW SHAFT

1" Engine

PUMP MODEL	SHAFT SIZE	FL(GPM	OW LPM	MAX. PR PSI	ESSURE BAR	PUMP RPM
66DX30G1I	1"	3.0	11.4	4000	275	3400
4SPX32G1I	1"	3.2	12.2	3000	207	3450
66DX35G1I	1"	3.5	13.2	4000	275	3400
66DX40G1I	1"	4.0	15.1	4000	275	3400
66DX50G1I	1"	5.0	18.9	3500	241	3400



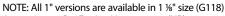
66DX40G1I w/ Engine

Approximate Gas Engine Horsepower (HP) = gpm x psi / 1140. Consult engine manufacturer for actual torque available at required speed.

DIRECT DRIVE, GEARBOX

34", 1" and 11/8"

PUMP	SHAFT	FLO		MAX. PR		PUMP
MODEL	SIZE	GPM	LPM	PSI	BAR	RPM
740G1	1"	2.8	10.6	5000	345	3465
3CP1120G	3/4"	3.5	13.2	2200	152	3600
760G1	1"	3.5	13.2	5000	345	3465
5CP3160CSSG1	1"	4.0	15.1	3500	241	3320
5CP3120CSSG1	1"	4.5	17.0	3500	241	3353
60G1	1"	4.5	17.0	4000	275	3450
700G1	1"	4.5	17.0	5000	345	3465
5CP3150CSSG1	1"	5.0	18.9	3000	207	3450
5CP5135CSSG1	1"	5.8	21.9	3500	241	3450
5CP5140CSSG1	1"	6.2	23.4	3000	207	3450
5CP6120CSSG1	1"	7.2	27.2	1500	103	3450
5CP6180CSSG1	1"	8.0	30.3	1500	103	3450
56G1	1"	8.0	30.3	2500	172	3600
56HSG1	1"	8.0	30.3	3000	207	3600
7CP6165CSG1	1"	8.0	30.3	3500	241	3265
5CP6190G1	1"	9.7	36.7	1200	83	3450
7CP6110CSG1	1"	10.0	38.0	2000	138	3400
7CP6160CSG1	1"	10.0	38.0	2500	172	3400
7CP6170G1	1"	12.0	45.4	1800	124	3264



Approximate Gas Engine Horsepower (HP) = $gpm \times psi / 1140$. Consult engine manufacturer for actual torque available at required speed.



7CP6165CSG1 w/ Engine

DIRECT DRIVE

Bell Housing, Electric Motor



5CP3120CSS w/ Bell Housing, Motor

PUMP	FL	ow	PRES	SURE	PUMP
MODEL	GPM	LPM	PSI	BAR	RPM
740	2.9	11.0	5000	345	1750
5CP4114CSS	3.2	12.1	4000	276	1750
5CP3110CSS	3.6	13.6	3500	241	1725
760	3.6	13.6	5000	345	1750
5CP4116CSS	3.8	14.4	4000	276	1750
5CP4118CSS	4.2	16.0	4000	276	1750
5CP3160CSS	4.3	16.3	3500	241	1750
5CP4120CSS	4.5	17.0	4000	275	1750
60	4.7	17.8	4000	275	1750
700	4.7	17.8	5000	345	1750
5CP3120CSS	4.8	18.2	3000	207	1750
5CP3150CSS	5.2	19.8	3000	207	1750
5CP5120	6.0	22.7	2500	172	1750
5CP5140CSS	6.4	24.2	3000	207	1750
5CP6120	7.4	28.0	1500	103	1725
56	8.0	30.3	2500	172	1760
56HS	8.0	30.3	3000	207	1760
5CP6180CSS	8.2	31.0	1500	103	1750
5CP6190	10.0	37.8	1200	83	1750
7CP6110CS	10.5	39.7	2000	138	1750
7CP6160CS	10.6	40.1	2500	172	1750

Electric Motor Horsepower (HP) = gpm x psi / 1460

SOLID SHAFT

Belt, Hydraulic, PTO

PUMP	E	_OW	PRES	SURE	PUMP
MODEL	GPM	LPM	PSI	BAR	RPM
1810	3.0	11.4	10000	689	1500
5CP3120	4.5	17.0	3500	241	1645
5CP3120CSS	4.5	17.0	3500	241	1645
57	4.5	17.0	4000	275	1285
5CP4120CSS	4.5	17.0	4000	275	1750
700	4.7	17.8	5000	345	1750
5CP5120	5.0	18.9	3000	207	1415
550	5.0	18.9	3000	207	1415
56	5.5	20.8	3500	241	1210
5CP5140	5.5	20.8	3500	241	1500
1570	6.0	22.7	6000	414	1350
5CP6120	7.4	28.0	1500	103	1725
5CP6190	8.0	30.3	1450	100	1450
56HS	8.0	30.3	3000	207	1760
7CP6185CS	8.0	30.3	3500	241	1320
1560	9.0	34.0	4000	275	1280
1050	10.0	38.0	2200	152	958
660	10.0	38.0	3000	207	1429
3507HS	10.0	38.0	5000	345	915
3550	10.0	38.0	6000	414	880
7CP6170	11.0	41.6	2000	138	1450
1050	12.3	46.5	1800	124	1180
7CP6170	12.0	45.4	1800	124	1600
1580	12.0	45.4	3000	207	1180
1530	15.6	59.0	1500	103	1450
1730	15.8	59.8	1500	103	1750
2560, 2560BH	16.0	60.5	3000	207	1510
1540E	19.3	73	1200	83	1180
2510	20.0	75.7	2000	138	1450
2565, 2565BH	20.0	75.7	2500	172	1450
3560	20.0	75.7	4000	275	1160
3560	25.0	94.6	3000	207	1450
EL	(1.15)	. /			



5CP5140

Electric Motor Horsepower (HP) = gpm x psi / 1460

MOUNTING COMPONENTS, SAE HYDRAULICS

Bell Housing Assembly



5CP3120CSS w/ SAE Motor

PUMP SERIES	MODELS	SAE TYPE	BELL HOUSING ASSEMBLY
5CP	5CP3105, 3110, 3160, 3120, 5CP4120, 5120,	A2	76SAEA2.5CP
	6120, 6180CSS, 6190	B2	76SAEB2.5CP
	-		76SAEB4.5CP
7CP	7CP6110CS, 7CP6170	A2	76SAEA2.7CP
		B2	76SAEB2.7CP
		B4	76SAEB4.7CP
7FR	56, 56HS, 60, 700, 740, 760	A2	76SAEA2.7FR
		B2	76SAEB2.7FR
		B4	76SAEB4.7FR
15FR	660, 1050, 1530, 1540E, 1560, 1570, 1580, 1730	B2	76SAEB2.15FR
		B4	76SAEB4.15FR

Bell Housing Assemblies include mounting hardware and flange

SAE TYPE:

A2 = SAE "A" 2 Bolt, 3.25" Pilot B2 = SAE "B" 2 Bolt, 4" Pilot B4 = SAE "B" 4 Bolt, 4" Pilot

MOUNTING COMPONENTS, SAE HYDRAULICS

Flexible Coupler Assembly



991903

PUMP SERIES	SAE TYPE	FLEX COUPLER ASSY	SHAFT TO SHAFT	TORQUE RATING (FT-LBS)
5CP	A2	8273	20mm x %"	74
	B2, B4	8274	20mm x %"	74
7CP & 7FR	A2	8371	24mm x %"	92
	B2, B4	8372	24mm x %"	92
15FR	B2, B4	8387	30mm x %"	150
ווכו	DZ, D4		JOHIIII X 78	150

SAE TYPE:

A2 = SAE "A" 2 Bolt, 3.25" Pilot B2 = SAE "B" 2 Bolt, 4" Pilot B4 = SAE "B" 4 Bolt, 4" Pilot

BELL HOUSING/FLEX COUPLING MOUNTING COMPONENTS

NEMA





Bell Housing / Flex Coupling

PUMP SERIES	NEMA MOTOR FRAME	BELL HOUSING ASSEMBLY	FLEX COUPLING ASSEMBLY
5CP	56/145TC	76056.5CP	8260
	182/184TC	76184.5CP	8230
	213/215TC	76215.5CP	8275
	254/256TC	76256.5CP	8217
7FR	182/184TC	76184.7FR	8370
(Models: 56, 56HS, 60, 700)	213/215TC	76215.7FR	8375
	254/256TC	76256.7FR	8380
	284/286TC	76286.7FR	8389

PUMP SERIES	NEMA MOTOR FRAME	BELL HOUSING ASSEMBLY	FLEX COUPLING ASSEMBLY
7CP	56/145TC	76056.7CP	8218
	182/184TC	76184.7CP	8370
	213/215TC	76215.7CP	8375
	254/256TC	76256.7CP	8380
	284/286TC	76286.7CP	8389
15FR	213/215TC	76215.15FR	8388
	254/2567TC	76256.15FR	8382
	284/286TC	76286.15FR	8383

NOTE: Contact Cat Pumps for complete motorized pump units (pump, motor, bell housing and flexible coupling) *IEC Bell Housings also available, contact Cat Pumps

CLUTCHES, 12 VDC

MODEL	CLUTCH DIAMETER/ NUMBER OF GROOVES	BELT TYPE	PUMP SHAFT DIAMETER	PUMP MODELS
34960	7" / 1	Α	16.5 mm	3CP1120 – 1140
34965	7"/2	Α	16.5 mm	3CP1120 – 1140
34970	7"/1	Α	20.0 mm	5CP2120W – 2150W, 3120/3120CSS,
34980	7"/2	Α	20.0 mm	5120 – 5140CSS, 5CP6120 – 6190
34971	7.3"/8	Poly-V, L-Style	24.0 mm	56, 60, 530, 550, 700, 740, 760, 7CP6110CS – 7CP6185CS
76970	10"/2	В	20.0 mm	5CP2120W – 2150W, 3120/3120CSS, 5120 – 5140CSS, 5CP6120 – 6190
34628	12.75"/1	В	24.0 mm	56, 60, 700, 740, 760
34630	12.75"/2	В	24.0 mm	56, 60, 700, 740, 760
34563	12.75"/2	В	30.0 mm	1050, 1570, 1580
30655	12.75"/2	В	30.0 mm	2510, 2530



34963

UNLOADERS, TRAPPED PRESSURE

Brass Models

MODEL	FLOW I	RANGE	PRESSURE	RANGE	PORTS	5
MODEL	GPM	LPM	PSI	BAR	INLET/DISCHARGE	BYPASS
7500S	0.5 – 6.0	1.9 – 23	100 – 2000	6.9 – 138	3%" NPT(M)	3%" NPT(F)
7581	0.5 – 6.6	1.9 – 25	232 – 2320	15 – 160	3%" NPT(M)	3%" NPT(F)
7583	0.5 - 8.0	1.9 – 30	250 – 2000	6.9 – 138	3/8" NPT(M)	%" NPT(F)
7620	0.5 – 8.0	1.9 – 30	319 – 3190	22 – 220	3/8" BSP(M)/BSP(F)	3/8" BSP(F)
7693	2.5 – 10.5	9.5 – 40	232 – 2320	15 – 160	%" BPSS(M)/%" BSPP(F)	3/8" BSPP(F)
7694	2.5 – 10.5	9.5 – 40	406 – 4060	28 – 280	3%" NPT(F)	3%" NPT(F)
7630	2.0 – 10.5	8-40	507 – 5076	35 – 350	%" BSPP(M)/%" BSPP(F)	1/2" BSPP(F)
9970	0.5 – 15.9	1.9 – 60	1160 – 11600	80 – 800	½" BSPP(F)	1/2" BSPP(F)
7537	1.0 – 21	3.8 – 80	406 – 2320	28 – 160	1/2" NPT(F)	1/2" NPT(F)
7542	1.0 – 21	3.8 – 80	406 – 4060	28 – 280	1/2" NPT(F)	1/2" NPT(F)
7590	10 – 52.8	38 – 200	218 – 2175	15 – 150	1" NPT(F)	1" NPT(F)
7592	10 – 52.8	38 – 200	450 – 2500	31 – 172	1" NPT(F)	1" NPT(F)
7593	10 – 52.8	38 – 200	406 – 4060	15 – 280	1" BSPP(F)	1" BSPP(F)
9950	50 – 120	189 – 454	298 – 2900	20 – 200	1 1/4" BSPP(F)	1 1/4" BSPP(F)



7537

POP-OFF VALVES

Brass Models





30961	9940

MODEL	MAX. GPM	FLOW LPM	PRESSURE PSI	RANGE BAR	MAX. RELI PSI	EF SETTING BAR	PORTS INLET/DISCHARGE	BYPASS
30960	6.0	22.7	300 – 1500	20 – 103	1650	114	1/4" NPT(M)	¾" Barb
33960	6.0	22.7	300 – 1500	20 – 103	1650	114	3%" NPT(M)	¾" Barb
30961	6.0	22.7	1000 – 3000	6.9 – 207	3300	228	1/4" NPT(M)	¾" Barb
33961	6.0	22.7	1000 – 4000	6.9 – 275	4400	303	1/4" NPT(M)	¾" Barb
33962	6.0	22.7	1000 – 4000	6.9 – 275	4400	303	3%" NPT(M)	¾" Barb
9940	25	95	1000 – 4000	6.9 – 275	4400	303	3/4" NPT(M)	1" Barb

6088

PRESSURE GAUGES

Brass Models (Brass Fitting and Bourdon Tube, 304 SS Case)

MODEL	PRESSURE PSI	RANGE BAR	MAX. TEMP (°F)	PORTS INLET
6086	0 – 1500	0 – 103	140	1/4" NPT(M)
6088	0-3000	0-207	140	1/4" NPT(M)
6089	0-6000	0-415	140	1/4" NPT(M)



7142

THERMAL VALVES

Brass Models

MODEL	MAX. GPM	FLOW LPM	MAX PR	ESSURE BAR	TEMPERATURE MAX (°F)	POI INLET	RTS BLEED
7146	25	95	125	8.6	130	1/4" NPT(M)	1/8" NPT(F)
7140	25	95	125	8.6	145	1/4" NPT(M)	1/8" NPT(F)
7141	25	95	125	8.6	145	3/8" NPT(M)	1/8" NPT(F)
7142	25	95	125	8.6	145	½" NPT(M)	1/8" NPT(F)
7143	25	95	125	8.6	165	1/4" NPT(M)	1/8" NPT(F)
7144	25	95	125	8.6	165	3⁄8" NPT(M)	1/8" NPT(F)
7145	25	95	125	8.6	165	½" NPT(M)	1/8" NPT(F)
7170	25	95	125	8.6	180	1/4" NPT(M)	1/8" NPT(F)
7171	25	95	125	8.6	180	3/8" NPT(M)	1/8" NPT(F)
7172	25	95	125	8.6	180	½" NPT(M)	1/8" NPT(F)
7175	25	95	125	8.6	190	1/4" NPT(M)	1/8" NPT(F)
7176	25	95	125	8.6	190	3/8" NPT(M)	1/8" NPT(F)
7177	25	95	125	8.6	190	½" NPT(M)	1/8" NPT(F)

SHUT-OFF GUNS

Brass Models

MODEL	MAX. GPM	FLOW LPM	MAX PR PSI	ESSURE BAR	ТҮРЕ	PO INLET	RTS BLEED
33425	8	30	2900	200	Front Load	3/8" NPT(F)	1/4" NPT(F)
76165	8	30	3650	250	Shut-off	3/8" NPT(F)	1/4" NPT(F)
31260	8	30	5100	350	Shut-off	3/8" NPT(F)	1/4" NPT(F)
32300	10	38	3000	207	Dump, with 15" Lance	3/8" NPT(F)	1/8" NPT(F)
32301	10	38	3000	207	Dump, with 39" Lance	3/8" NPT(F)	1/8" NPT(F)
35150	10.5	40	4500	310	Shut-off	3/8" NPT(F)	1/4" NPT(F)
31137	10.5	40	4500	310	Horizontal	3/8" NPT(F)	1/4" NPT(F)
36140	10.5	40	5000	345	Shut-off	3/8" NPT(F)	1/4" NPT(F)
31265	13	49	3650	252	Shut-off	3/8" NPT(F)	1/4" NPT(F)
39410	21	80	7250	500	Pressure Compensating	1/2" BSP(F)	1/2" BSP(F)
39415	32	121	1750	120	Shut-off	1/2" BSP(F)	1/2" BSP(F)
39420	53	200	2900	200	Pressure Compensating	1/2" BSP(F)	1/2" BSP(F)





31137

VALVE PLUG ADAPTERS

Brass Models

MODEL	MODELS USED	PORT	MATERIAL
134670	4DNX, 4DX, 4SPX, 4SP	1/4" NPT(F)	BB
35758	6DX, 66DX	3/8" NPT(F)	BB
998954	3CP Series	3/8" NPT(F)	BB
76658	310, 5CP2120W, 5CP2150W	3/8" NPT(F)	BB
34549	45, 5CP3105 – 3160CSS, 5120 – 5140	3/8" NPT(F)	BB
45939T	56 – 60	3/8" NPT(F)	BB
34447	7PFR, 15PFR, 5CP6120, 7CP	3/8" NPT(F)	BB
997878	3560	1/4" NPT(F)	BB



34549





MODEL	SUCTION/PRES	SURIZED FLOW	SCI	REEN	PORTS			
MODEL	GPM	LPM	MESH	MATERIAL	INLET	DISCHARGE		
WHITE OR CLEAR NYLON BODY								
7104 / 7104.4*	6/10	23/38	80	S	1/2" NPT(F)	1/2" NPT(F)		
7105 / 7105.5*	15 / 20	57 / 76	80	S	3/4" NPT(F)	3/4" NPT(F)		
7106 / 7106.6*	20 / 25	76 / 95	80	S	1" NPT(F)	1" NPT(F)		
7107 / 7107.7*	35 / 50	133 /189	80	S	1 1/4" NPT(F)	1 1/4" NPT(F)		
7108 / 7108.8*	60 / 75	227 / 284	80	S	1 ½" NPT(F)	1 ½" NPT(F)		
WHITE OR CLE	AR NYLON BOD	(MICRO)						

7203 / 7203.3*	10 gpm max	38	80	S	1/2" NPT(M)	1/2" NPT(M)
7204 / 7204.4*	10 gpm max	38	80	S	1/2" NPT(F)	1/2" NPT(F)

REINFORCED COMPOSITE BODY (w/ brass threaded ports, ¼" BSP(F) auxiliary port)
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32738	8 gpm max	30	50	SS	1/2" BSP(F)	1/2" BSP(M)
32748	8 gpm max	30	50	SS	1/2" BSP(F)	1/2" BSP(F)

^{*}Clear Nylon Body

VARI-NOZZLES



MODEL	NOZZLE SIZE	FLOW GPM	RANGE LPM	PRESSURI PSI	E RANGE BAR	PORT
7920	2.0	1.0 – 1.9	3.8 – 7.2	100 – 3650	6.9 – 252	1/4" BSP(F)
7930	3.0	1.5 – 2.9	5.7 – 10.8	100 – 3650	6.9 – 252	1/4" BSP(F)
7935	3.5	7.8 – 3.3	6.6 – 12.6	100 – 3650	6.9 – 252	1/4" BSP(F)
7940	4.0	2.0 – 3.8	7.8 – 14.4	100 – 3650	6.9 – 252	1/4" BSP(F)
7945	4.5	2.2 – 4.3	8.3 – 16.3	100 – 3650	6.9 – 252	1/4" BSP(F)
7950	5.0	2.5 – 4.7	9.5 – 17.8	100 – 3650	6.9 – 252	1/4" BSP(F)
7955	5.5	2.8 – 5.2	10.6 – 19.7	100 – 3650	6.9 – 252	1/4" BSP(F)
7960	6.0	3.0 – 5.6	11.4 – 21.2	100 – 3650	6.9 – 252	1/4" BSP(F)
7970	7.0	3.5 – 6.6	13.2 – 25.0	100 – 3650	6.9 –252	1/4" BSP(F)

ROTATING NOZZLES

MODEL	NOZZLE SIZE	FLOW RANGE GPM LPM		PRESSURE RANGE PSI BAR		PORT			
ROTATING NOZZLES (with ceramic nozzle, 25° spray pattern, 3,000 psi)									
7265.20	2.0	1.1 – 1.7	4.1 – 6.4	1200 – 3000	83 – 207	1/4" BSP(F)			
7265.30	3.0	1.6 – 2.6	6.0 – 9.8	1200 – 3000	83 – 207	1/4" BSP(F)			
7265.35	3.5	1.9 – 3.0	7 – 11	1200 – 3000	83 – 207	1/4" BSP(F)			
7265.40	4.0	2.2 – 3.5	8.3 –13	1200 – 3000	83 – 207	1/4" BSP(F)			
7265.45	4.5	2.4 – 3.9	9 – 14.8	1200 – 3000	83 – 207	1/4" BSP(F)			
7265.50	5.0	2.8 – 4.4	10.6 – 16.7	1200 – 3000	83 – 207	1/4" BSP(F)			
7265.55	5.5	3.0 – 4.8	11.1 – 18.2	1200 – 3000	83 – 207	1/4" BSP(F)			
7265.60	6.0	3.2 – 5.2	12.1 – 19.7	1200 – 3000	83 – 207	1/4" BSP(F)			
7265.65	6.5	3.6 – 5.7	13.6 – 21.6	1200 – 3000	83 – 207	1/4" BSP(F)			
ROTATING NOZZLES (with ceramic insert, 20° spray pattern, 3,650 psi)									
7625.30	3.0	1.6 – 2.9	6.1 – 11	1200 – 3650	83 – 252	1/4" BSP(F)			
7625.35	3.5	1.9 – 3.3	7.2 – 12.5	1200 – 3650	83 – 252	1/4" BSP(F)			
7625.40	4.0	2.2 – 3.8	8.3 – 14.4	1200 – 3650	83 – 252	1/4" BSP(F)			
7625.45	4.5	2.4 – 4.3	9.1 – 16.3	1200 – 3650	83 – 252	1/4" BSP(F)			
7625.50	5.0	2.8 – 4.8	10.6 – 18.2	1200 – 3650	83 – 252	1/4" BSP(F)			
7625.55	5.5	3.0 – 5.2	11.4 – 19.7	1200 – 3650	83 – 252	1/4" BSP(F)			
7625.60	6.0	3.2 – 5.7	12.1 – 21.6	1200 – 3650	83 – 252	1/4" BSP(F)			
7625.65	6.5	3.6 – 6.2	13.6 – 23.5	1200 – 3650	83 – 252	1/4" BSP(F)			
7625.70	7.0	3.8 – 6.7	14.4 – 25.4	1200 – 3650	83 – 252	1/4" BSP(F)			
7625.80	8.0	4.4 – 7.7	16.7 – 29.1	1200 – 3650	83 – 252	1/4" BSP(F)			
ROTATING	G NOZZLES (W	vith ceramic n	ozzle, 25° spray	pattern, 5,000 psi)					
7270.45	4.5	3.0 – 5.0	11.4 – 18.9	2000 – 5000	138 – 345	1/4" BSP(F)			
7270.55	5.5	3.8 – 6.2	14.4 – 23.5	2000 – 5000	138 – 345	1/4" BSP(F)			
7270.65	6.5	4.6 – 7.3	17.4 – 27.6	2000 – 5000	138 – 345	1/4" BSP(F)			
7270.80	8.0	5.6 – 8.9	21.2 – 33.7	2000 – 5000	138 – 345	1/4" BSP(F)			
7270.90	9.0	6.4 – 10	24.2 – 37.9	2000 – 5000	138 – 345	1/4" BSP(F)			
ROTATING	NOZZLES (w	rith ceramic ir	nsert, 20° spray	pattern, 5,100 psi)					
7632.30	3.0	2.4 – 3.4	9.1 – 12.9	2600 – 5100	180 – 352	1/4" BSP(F)			
7632.35	3.5	2.8 – 3.9	10.6 – 14.8	2600 – 5100	180 – 352	1/4" BSP(F)			
7632.40	4.0	3.2 – 4.5	12.1 – 17	2600 – 5100	180 – 352	1/4" BSP(F)			
7632.45	4.5	3.6 – 5.1	13.6 – 19.3	2600 – 5100	180 – 352	1/4" BSP(F)			
7632.50	5.0	4.0 – 5.6	15.1 – 21.2	2600 – 5100	180 – 352	1/4" BSP(F)			
7632.55	5.5	4.4 – 6.2	16.7 – 23.5	2600 – 5100	180 – 352	1/4" BSP(F)			
7632.60	6.0	4.8 – 6.7	18.2 – 25.4	2600 – 5100	180 – 352	1/4" BSP(F)			
7632.65	6.5	5.2 – 7.3	19.7 – 27.6	2600 – 5100	180 – 352	1/4" BSP(F)			
7632.70	7.0	5.6 – 7.9	21.2 – 29.9	2600 – 5100	180 – 352	1/4" BSP(F)			





7625.55

24.2 - 34.4

2600 - 5100

180 – 352

1/4" BSP(F)

6.4 – 9.1

7632.80

8.0



FOAMERS

MODEL	FLOW RANGE GPM LPM		PRESSURE RANGE PSI BAR		ТҮРЕ	PORT		
FOAMER, WITH AND WITHOUT BOTTLE								
32017	2-4	7.6 – 15.2	750 – 2900	52 – 200	without Bottle	1/4" BSP(F)		
39234	2-4	7.6 – 15.2	750 – 2900	52 – 200	with 1 Liter Bottle	1/4" BSP(F)		
39196	2-4	7.6 – 15.2	750 – 2900	52 – 200	with 2 Liter Bottle	1/4" BSP(F)		



PULSE PUMPS

MODEL	INJECTION RATE GPM LPM		PRESSURE RANGE PSI BAR		PORTS INLET DISCHARGE			
PULSE PUMPS FOR PLUNGER AND PISTON PUMPS								
6340, 6341), 6341 1.0 – 10.5 3.8 – 40.0 100 – 2000		6.9 – 138	1/8" NPT(F)	1/8" NPT(F)			
6350, 6351	1.0 – 12	3.8 – 45.4	500 – 3000	35 – 207	1⁄4" Hose Barb	1/8" NPT(F)		



7192

CHEMICAL INJECTORS

MODEL	ORIFICE SIZE MM	FLOW GPM	RANGE LPM	MAXIMUM PSI	PRESSURE BAR	PC INLET	ORTS DISCHARGE
BRASS - A	ADJUSTABLE						
7182	1.8 mm	2-4	7.6 – 15	4050	280	3/8" NPT(M)	3/8" NPT(M)
7192	1.8 mm	2-4	7.6 – 15	4050	280	M18 x 1.0	3/8" NPT(M)
7183	2.1 mm	3-5	11.4 – 19	4050	280	3/8" NPT(M)	3/8" NPT(M)
7193	2.1 mm	3-5	11.4 – 19	4050	280	M18 x 1.0	3/8" NPT(M)
7184	2.3 mm	3-6	11.4 – 23	4050	280	3/8" NPT(M)	3/8" NPT(M)
7194	2.3 mm	3-6	11.4 – 23	4050	280	M18 x 1.0	3/8" NPT(M)
7224	2.3 mm	3-6	11.4 – 23	4050	280	M22 x 1.5	3/8" NPT(M)



PRESSURE SWITCHES

MODEL	MAXIMUM PSI	PRESSURE BAR	ENGAGING PSI	PRESSURE BAR	VOLTAGE RANGE	MAXIMUM AMP	INLET PORT		
STAINLESS STEEL - NPT PORTS									
31615	3650	252	215	15	12 – 250	6	1/4" NPT(M)		
31625	3650	252	360	25	12 – 250	6	1/4" NPT(M)		
31640	3650	252	580	40	12 – 250	6	1/4" NPT(M)		

Custom Engineered Power Units

You define. We design.

For over 30 years, Cat Pumps has been the industry leader in providing custom-engineered pumping systems to meet a wider range of application needs. By selecting Cat Pumps for your next pumping system, customers eliminate the hassle and expense of designing, multiple source buying, fabrication and testing. The technical sales team assists with proper component selection, as well as installation, operation and maintenance support.

All systems are designed, built and pressure tested in the Cat Pumps Minneapolis location. To begin the quoting process, call the main office at (763) 780-5440 or submit the custom system quote form at catpumps.com.

With thousands of installations running around the world, Cat Pumps is the supplier of choice for custom pumping systems.



System Configuration

With extensive experience building thousands of systems, Cat Pumps can help determine the best configuration for any application.

Base

System design starts with choosing the base that best fits the application. Numerous base configurations are available to meet space, portability, sound and material demands.

• Standard • Vertically Stacked • Enclosed • Multiple Pump

Power Source

A qualified technical staff with extensive experience can assist in recommending the correct product for any power source available.

• Electric • Gas • Diesel • Hydraulic • Pneumatic

Drive Package

A wide variety of drive packages are available to complement any power source of choice.

• Belt • Direct Drive • Gearbox • Clutch

Accessories

Choose from hundreds of high-quality genuine Cat Pumps accessories for optimum system performance and life.

- Regulator Relief / Pop-off Valve Pressure Gauge
- Pulsation Dampener Inlet Filter / Strainer Oil

Advanced Control Options



Ask about advanced control options designed to provide maximum system performance as well as system protection. Options include:

- Variable Frequency Drives (VFD)
- PID Loop (varies speed of pump to maintain system pressure)
- Multiple Pump Systems
- Low-Pressure Seal Monitors
- Auto Shutdowns (Temperature and Low Inlet Pressure)

Other control options are available upon request.

.3400 Seals Designed for Higher Temperatures and Run-Dry Protection

Handles Liquids up to 190° F (88° C)

High-temperature liquids place extraordinary demands on system components, especially the pump. Premature 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 190° F (88° C) and perform in intermittent run dry conditions. Pumps are available in a wide variety of flows and pressures handling a variety of applications.

Features and Benefits

- Suitable in intermittent run dry conditions and higher-temperatures.
- Pumps are field-proven and designed for continuous-duty applications.
- Brass and stainless steel construction to meet application requirements.
- Wide range of drive options include belt, direct, clutch and gearbox drives.
- Pump family ranges from 0.5 25 gpm (1.9 95.0 lpm) at 100 10,000 psi (6.9 – 689 bar) meeting a wide range of applications.
- Easy to order, add .3400 to end of pump model number.

Applications

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

Ultimate Protection for Pressure Washer Storage

Cat Pumps Pressure Washer Pump Protector guards your pressure washer pump during extended storage — there is no better way to protect your pump. Order part number 6208 for a case of six bottles (12 fluid ounces each).

Features:

- Excellent winterizer: protects pumps from freezing to -25° F
- · Lubricates seals, valves and valve seats to prevent sticking
- Inhibits corrosion and mineral deposits
- Environmentally friendly 100% biodegradable

Learn more at our Youtube channel at: youtube.com/user/catpumps1968



Cat Pumps Oil — Better Than the Rest

Cat Pumps oil is the only lubricant exclusively designed for and thoroughly tested in all models of Cat Pumps. Premium base stocks are the formulation's "backbone" that provides superior lubricity that protects internal pump components.

- Custom blend, premium grade, petroleum-based hydraulic oil for all Cat Pumps.
- Anti-wear additives protects metal-to-metal drive surfaces, extending drive life.
- High oxidative and chemical stability resists deposit formations and provides consistent fluid performance.
- Premium anti-corrosion additives offer protection in the most demanding operating environments.

Cat Pump oil is readily available in a variety of container sizes through any Cat Pumps distributor or OEM.





Cat Pumps Integral Unloaders are Long-Lasting and Easy-to-Service

Pumps with built-in integral unloader valves have a smaller footprint and also reduce potential leak paths. What's more, the Cat Pumps design is easy to service. No special tools are required and each repair kit is pre assembled with only four parts!

Like all Cat Pumps products, kits are in stock for 24-hour shipping.

Unloader Valve Maintenance

Easy to Service

- No special tools required
- Drop-in replacement components for quick service
- · Repair kits are preassembled with only four (4) parts
- · Repair kits are on-the-shelf for 24-hour shipping



Cat Pumps Pressure Washer Center

Pressure Washer Center is a new resource available on Cat Pumps website. You can find the link on the top right of the Cat Pumps home page. The Pressure Washer Center contains useful information about pressure washer pumps and systems, such as...

- Troubleshooting Guide
- · Long-Term Storage
- FAOs

- Pump Identification
- Repair Tips

Properly maintaining your pressure washer is the key to enjoying years of trouble-free service. Cat Pumps is here to help you all the way. Make the Cat Pumps Pressure Washer Center your go-to resource for pressure washer information.

www.catpumps.com/pressure-washer-center



Online Service and Support Videos

Cat Pumps offers a variety of training and support services to our sales partners and customers. High-pressure systems require special attention to achieve safe and reliable operation. Optimum performance of the pump depends upon the entire system, determined by proper design, component selection, installation, and maintenance of the pump as well as system accessories. With proper design, installation, and care, high-pressure pumps and systems from Cat Pumps can provide thousands of hours of trouble-free service.

Service Videos

Learn how to service seal and valve kits in these authorized Cat Pumps videos, hosted on Cat Pumps YouTube channel and website. Find them at these links:

www.catpumps.com/service-videos www.youtube.com/CatPumps1968



Training Videos

Informative "Whiteboard Sessions" videos cover a variety of technical topics in short and easy-to-comprehend lessons conducted by Cat Pumps engineering. Find them at these links:

www.catpumps.com/whiteboard-sessions www.youtube.com/CatPumps1968



Customer Service — Another Cat Pumps Difference







When customers do business with Cat Pumps, they benefit not only from long-lasting dependable products, but also from excellent customer service and support. Cat Pumps customers enjoy the following benefits:

- 98.4% order fill rate, supported by world-class inventory management system
- 99.9% shipping accuracy, which means customers receive what they ordered
- Worldwide distribution network stocking genuine Cat Pumps products and parts
- Industry-leading customer service with "live" support, from phone operators to Technical Services
- Experienced staff on call to assist with inquiries, from designing power units to system troubleshooting
- "Account Access" on-line portal provides 24/7 access to registered customers to enter purchase orders, receive up-to-date pricing, and track orders. Contact Cat Pumps for more information.
- Email sales@catpumps.com for fast response to questions and requests or call (763) 780-5440

Sales and service support is provided by highly qualified distribution network covering the U.S., Canada, and Mexico. Cat Pumps has an international presence with sales offices in the U.K., Belgium and Germany, as well as a worldwide distribution channel.

Complete, Accurate and Fast Order Shipping





Pumps and parts are stocked for off-the-shelf delivery. Wherever customers are in the world, Cat Pumps service and support are never far away. Long-lasting products backed by excellent customer service are why Cat Pumps is the best choice for high-pressure pumps and systems.

ABOUT CAT PUMPS

Proven Quality, Customer Focused

Cat Pumps is the world leader in the design, manufacture and marketing of the most dependable high-pressure positive displacement reciprocating triplex pumps and systems in the market. Our mission to exceed customer expectations for quality, reliability, availability, delivery, technical expertise and aftermarket support to assure the best value in all the industries served.

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