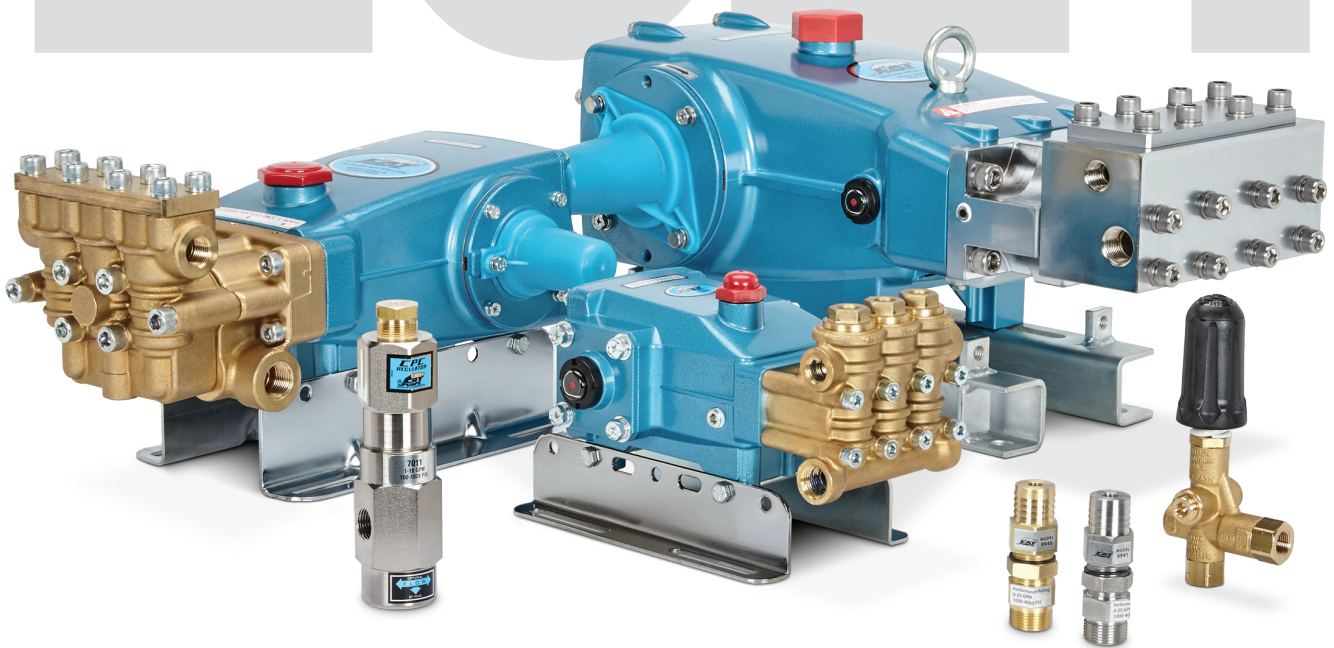




NEW PRODUCTS AND UPDATES



Product Quality, Reliability and Support You Expect

www.catpumps.co.uk

New Products from Cat Pumps

Cat Pumps continues to build on its market leading position with the introduction of new products. Every new product is built with the same winning business philosophy: manufacture the longest-lasting most dependable products and back them with availability from stock. Contact us to learn why customers worldwide trust Cat Pumps to keep their equipment running.

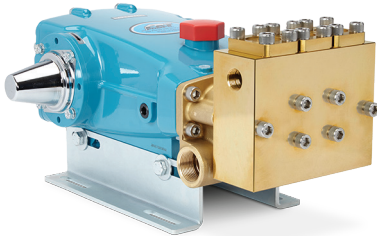
SPECIFICATIONS	TYPICAL APPLICATIONS
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1730

Max Flow:	60 lpm / 15.8 gpm
Max Pressure:	103 bar /1500 psi
Max RPM:	1750
Inlet Port:	1" NPT(F)
Discharge Port:	¾" NPT(F)

- Car Wash
- Tank Cleaning
- Equipment Washdown



2560

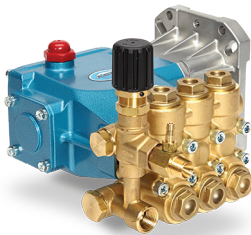
Max Flow:	60.8 lpm /16 gpm
Max Pressure:	207 bar /3000 psi
Max RPM:	1510
Inlet Port:	1 ¼" NPT(F)
Discharge Port:	¾" NPT(F)

- Hydro Excavating
- Water Jetting
- Equipment Washdown

2565

Max Flow:	76 lpm /20 gpm
Max Pressure:	172 bar /2500 psi
Max RPM:	1450
Inlet Port:	1 ¼" NPT(F)
Discharge Port:	¾" NPT(F)

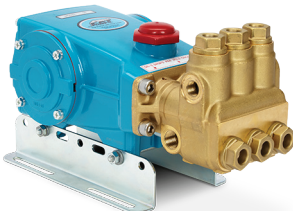
- Hydro Excavating
- Water Jetting
- Central Cleaning System



66DX50G11

Max Flow:	18.9 lpm / 5.0 gpm
Max Pressure:	241 bar /3500 psi
Max RPM:	3400
Inlet Ports (2):	½" NPT(F)
Discharge Ports (2):	¾" NPT(F)
Shaft:	1" Hollow

- High-Pressure Wash
- Surface Cleaner
- Water Jetting



56HS

Max Flow:	30.2 lpm /8.0 gpm
Max Pressure:	207 bar /3000 psi
Max RPM:	1750
Inlet Ports (2):	½" NPT(F)
Discharge Ports (2):	¾" NPT(F)

- Hydro Excavating
- High-Pressure Wash
- Water Jetting

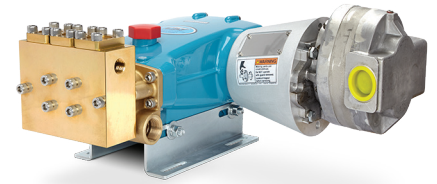
Expanded Performance & Options

25FR PUMPS – BELL HOUSINGS FOR HYDRAULIC MOTOR (SAE)

25FR Pumps – Models 2510, 2530, 2560, 2565

An simple upgrade to the crankcase allows 25 FR Pumps to be direct bell house-driven by SAE "C" 2 or 4-bolt hydraulic motors. Bell housings and flex couplers are stock items.

	PART NUMBER
Bell Housing	76SAEC.25FR
Flex Coupler Assembly	994303



INCREASED RPM RATING

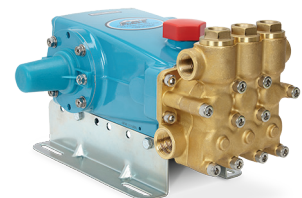
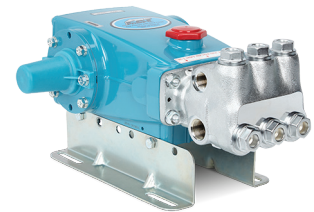
With the expansion of our Bell Housing options, some larger pumps can now be easily direct-driven by 6-pole electric motors. Engineering research and lab testing indicated the 1050/1051/1057 and 1540/1541 pumps can be operated at 1180 rpm, while maintaining the long service life expected from those products.

Models 1050, 1051, 1057

	RPM	L/MIN	BAR
Previous Ratings	1150	45.4	124
New Ratings	1180	46.5	124

Models 1540E, 1541

	RPM	L/MIN	BAR
Previous Ratings	1100	68.1	83
New Ratings	1180	73.0	83



Expanded Performance & Options



Protect Pumping Systems from Vibrations and Pressure Fluctuations

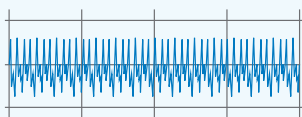
A Pulsation Dampener is an accumulator with a set pre-charge of nitrogen that absorbs system pressure shocks and minimises pulsations, pipe vibration, water hammering and pressure fluctuations. By minimising pulsation in the system, components such as pumps, regulators, solenoids, sensors, etc., will see decreased wear and experience longer life. Pulsation dampeners are fitted directly onto the discharge manifold or plumbed immediately downstream of the pump.

Cat Pumps offers a wide assortment of pulsation dampeners to meet the demands of any application. The bladders are pre-charged with clean, dry nitrogen to eliminate moisture and extend the life of the pulsation dampener.

TECH TIP

Due to the design of positive displacement pumps, small pressure spikes are caused during each rotation. In certain operations, these spikes can cause accelerated wear or damage to the pump or downstream components. The installation of a pulsation dampener is the best practice to reduce pressure fluctuations.

Pump without Pulsation Dampener



Pump with Pulsation Dampener



NOTE: Fluctuation comparison shown is an illustrative representation. Actual results will vary based on model and application.

MODEL	MAX FLOW LPM	MAX PRESSURE BAR	MAX OPERATING TEMP °C	VOLUME LITERS	BLADDER MATERIAL	PORT INLET
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CARBON STEEL

1621A	45	210	80	0.16	NBR	½" NPT (M)
703400	45	210	80	0.16	NBR	¾" NPT (M)

STAINLESS STEEL WETTED PARTS WITH EPOXY COATED CARBON STEEL GAS REGION

1621S200	45	200	80	0.16	NBR	½" NPT (M)
703404	45	200	80	0.16	NBR	¾" NPT (M)
703402	45	200	80	0.16	NBR	¾" NPT (M)
703414	150	200	80	0.72	NBR	1" NPT (M)
20100	265	100	80	2	NBR	1 ¼" NPT (M)

STAINLESS STEEL WETTED PARTS AND GAS REGION

703407	45	180	80	0.16	NBR	¾" NPT (M)
1621SS180	45	180	80	0.16	NBR	½" NPT (M)
703408	45	180	80	0.16	FPM	½" NPT (M)
35120SS	60	160	80	0.32	NBR	½" NPT (M)
704740	60	160	80	0.32	NBR	¾" NPT (M)
7210SS	150	140	80	0.72	NBR	1" NPT (M)
7210SS.01	150	140	80	0.72	FPM	1" NPT (M)
20100SS	265	100	80	2	NBR	1 ¼" NPT (M)

NBR = Nitrile Rubber, FPM = Fluorocarbon, 316 Stainless Steel = DIN EN 1.4751, Carbon Steel = DIN EN 1.0976

Typical Usage:

- Used when a smooth output flow and pressure is required.

Benefits:

- Pressurised bladder absorbs impact from pressure spikes, providing smooth flow.
- Protects downstream components (e.g., regulator, unloader, relief valve).
- Reduces water hammer.
- Improved performance at low pump RPM.

* For higher pressure applications contact Sales at Cat Pumps.

Product Range:

- Flow Rate: 45–265 L/min
- Pressure: 100–500* bar

Available Materials:

- Outer Housing
 - Carbon Steel
 - 316 Stainless Steel
- Bladders
 - Medium Nitrile (NBR)
 - Fluorocarbon (FPM)

Contact Cat Pumps for more information at sales@catpumps.co.uk or +44 (0) 1252 622031.



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