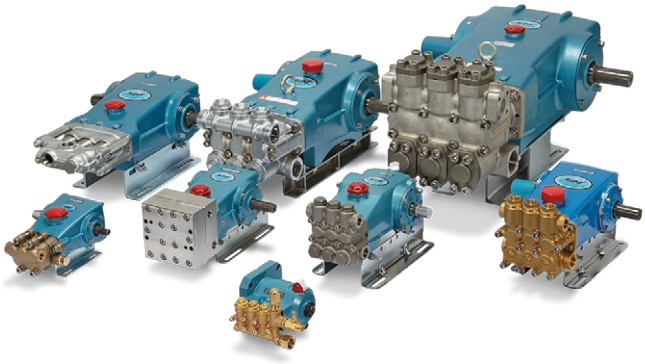
# Pump Quick Reference Chart

The Pumps with Nine Lives

Thank you for your interest in Cat Pumps, the world leader in triplex positive displacement pumps. This quick reference guide is organized by manifold material and the following criteria:

- Plunger Pumps
  - Direct-Drive – Electric Motor
  - Direct-Drive – Engine
  - Solid Shaft
- Piston Pumps
- Flushed Manifold Pumps



Hollow Shaft

Close Coupled

## Plunger Pumps Direct-Drive, Electric Motor

**BRASS MANIFOLD**

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP | DRIVE TYPE* |
|---|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | | |
| 4DX03ELR | 0.3 | 1.1 | 2000 | 138 | 1725 | 0.57 | HS |
| 2SF10ES | 1.0 | 3.8 | 2000 | 138 | 3450 | 1.4 | HS |
| 4DX10ER | 1.0 | 3.8 | 2000 | 138 | 3450 | 1.4 | HS |
| 4DX15ER | 1.5 | 5.7 | 2000 | 138 | 3450 | 2.1 | HS |
| 2SF20ES | 2.0 | 7.6 | 2000 | 138 | 3450 | 2.7 | HS |
| 4DX20ER | 2.0 | 7.6 | 2000 | 138 | 3450 | 2.7 | HS |
| 4SP21ELR | 2.1 | 7.9 | 2000 | 138 | 1750 | 2.9 | HS |
| 2SF22ELS | 2.2 | 8.3 | 2000 | 138 | 1725 | 3.0 | HS |
| 2SF22ES | 2.2 | 8.3 | 2000 | 138 | 3450 | 3.0 | HS |
| 5CP4110CSS | 2.2 | 8.3 | 4000 | 275 | 1750 | 6.0 | CC |
| 3CP1130 | 2.4 | 9.1 | 2200 | 152 | 1725 | 3.6 | CC |
| 5CP3105CSS | 2.5 | 9.5 | 3500 | 241 | 1750 | 6.0 | CC |
| 4DX27ER | 2.7 | 10.2 | 2000 | 138 | 3450 | 3.7 | HS |
| 5CP4112CSS | 2.7 | 10.2 | 4000 | 275 | 1750 | 7.4 | CC |
| 4SP29ELR | 2.85 | 10.8 | 1200 | 83 | 1725 | 2.4 | HS |
| 2SF29ELS | 2.85 | 10.8 | 1500 | 103 | 1725 | 3.0 | HS |
| 740 | 2.9 | 11.0 | 5000 | 345 | 1750 | 9.9 | CC |
| 2SF30ES | 3.0 | 11.4 | 1500 | 103 | 3450 | 3.1 | HS |
| 4DX30ER | 3.0 | 11.4 | 2000 | 138 | 3450 | 4.1 | HS |
| 5SP30ELR | 3.0 | 11.4 | 3000 | 207 | 1750 | 6.2 | HS |
| 5CP4114CSS | 3.2 | 12.1 | 4000 | 275 | 1750 | 8.8 | CC |
| 2SF35ES | 3.5 | 13.3 | 1500 | 103 | 3450 | 3.6 | HS |
| 2SF35GES | 3.5 | 13.3 | 2000 | 138 | 3450 | 4.8 | HS |
| 5SP35ELR | 3.5 | 13.3 | 2500 | 172 | 1750 | 6.0 | HS |
| 3CP1140 | 3.6 | 13.7 | 2200 | 152 | 1725 | 5.4 | CC |
| 5CP3110CSS | 3.6 | 13.7 | 3500 | 241 | 1750 | 8.6 | CC |
| 760 | 3.6 | 13.7 | 5000 | 345 | 1750 | 12.3 | CC |
| 5CP4116CSS | 3.8 | 14.4 | 4000 | 275 | 1750 | 10.4 | CC |
| 340 | 4.0 | 15.1 | 1800 | 124 | 1725 | 4.9 | CC |
| 5SP40ELR | 4.0 | 15.1 | 2000 | 138 | 1750 | 5.5 | HS |
| 5CP2140WCS | 4.0 | 15.1 | 2500 | 172 | 1725 | 6.8 | CC |
| 3CP1120 | 4.2 | 15.9 | 2200 | 152 | 1725 | 6.3 | CC |
| 5CP4118CSS | 4.2 | 15.9 | 4000 | 275 | 1750 | 11.5 | CC |
| 5CP3160CSS | 4.3 | 16.3 | 3500 | 241 | 1750 | 10.3 | CC |
| 5CP4120CSS | 4.5 | 17.1 | 4000 | 275 | 1750 | 12.3 | CC |
| 60 | 4.7 | 17.9 | 4000 | 275 | 1750 | 12.9 | CC |
| 700 | 4.7 | 17.9 | 5000 | 345 | 1750 | 16.1 | CC |

*HS – Hollow Shaft, ⅝" or 1 ⅛" CC - Close Coupled, Bell Housing

# Plunger Pumps Direct Drive, Electric Motor – Continued

**BRASS MANIFOLD** (CONTINUED)

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP | DRIVE TYPE* |
|---|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | | |
| 5CP3120 | 4.8 | 18.2 | 3000 | 207 | 1750 | 9.9 | CC |
| 2SFP500EL | 5.0 | 19.0 | 500 | 34.5 | 1750 | 1.7 | HS |
| 350 | 5.0 | 19.0 | 1500 | 103 | 1725 | 5.1 | CC |
| 3CP1110CS | 5.0 | 19.0 | 1700 | 117 | 1750 | 5.8 | CC |
| 5CP2150W | 5.0 | 19.0 | 2000 | 138 | 1725 | 6.8 | CC |
| 5CP3150CSS | 5.2 | 19.8 | 3000 | 207 | 1750 | 10.7 | CC |
| 5CP5120 | 6.0 | 22.8 | 2500 | 172 | 1750 | 10.3 | CC |
| 5CP5135CSS | 6.0 | 22.8 | 3000 | 207 | 1750 | 12.3 | CC |
| 5CP5140CSS | 6.4 | 24.3 | 3000 | 207 | 1750 | 13.1 | CC |
| 5CP6120 | 7.4 | 28.1 | 1500 | 103 | 1725 | 7.6 | CC |
| 56 | 8.0 | 30.3 | 2500 | 172 | 1760 | 13.7 | CC |
| 56HS | 8.0 | 30.3 | 3000 | 207 | 1760 | 16.4 | CC |
| 5CP6180CSS | 8.2 | 31.0 | 1500 | 103 | 1750 | 8.4 | CC |
| 5CP6190 | 10.0 | 38.0 | 1200 | 83 | 1750 | 8.2 | CC |
| 7CP6110CS | 10.5 | 39.9 | 2000 | 138 | 1750 | 14.4 | CC |
| 7CP6160CS | 10.6 | 40.1 | 2500 | 172 | 1750 | 18.2 | CC |
| 1730 | 15.8 | 59.8 | 1500 | 103 | 1750 | 16.2 | CC |

*HS – Hollow Shaft, ⅝" or 1 ⅛" CC - Close Coupled, Bell Housing

**NICKEL ALUMINUM BRONZE MANIFOLD**

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP | DRIVE TYPE* |
|---|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | | |
| 237 | 2.3 | 8.7 | 1500 | 103 | 1725 | 2.4 | CC |
| 247 | 3.6 | 13.7 | 1200 | 83 | 1725 | 3.0 | CC |
| 347 | 4.0 | 15.1 | 1200 | 83 | 1725 | 4.9 | CC |
| 277 | 4.2 | 15.9 | 1000 | 69 | 1725 | 2.9 | CC |
| 357 | 5.0 | 19.0 | 1500 | 103 | 1725 | 5.1 | CC |

*CC – Close Coupled, Bell Housing

**316 STAINLESS STEEL MANIFOLD**

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP | DRIVE TYPE* |
|---|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | | |
| 2SF05SEEL | 0.5 | 1.9 | 1200 | 83 | 1725 | 0.4 | HS |
| 2SF10SEEL | 1.0 | 3.8 | 1200 | 83 | 1725 | 0.8 | HS |
| 2SF15SEEL | 1.5 | 5.7 | 1200 | 83 | 1725 | 1.2 | HS |
| 2SF22SEEL | 2.2 | 8.3 | 1200 | 83 | 1725 | 1.8 | HS |
| 3CP1231 | 2.3 | 8.7 | 2000 | 138 | 1725 | 3.2 | CC |
| 2SFQ25SEEL | 2.5 | 9.5 | 1200 | 83 | 1725 | 2.1 | HS |
| 2SFQ29SEEL | 2.9 | 10.8 | 1200 | 83 | 1725 | 2.3 | HS |
| 784 | 2.9 | 11.0 | 5000 | 345 | 1750 | 9.9 | CC |
| 301 | 3.2 | 12.1 | 2200 | 152 | 1725 | 4.8 | CC |
| 2SFQ35SEEL | 3.5 | 13.3 | 1200 | 83 | 1725 | 2.9 | HS |
| 3CP1241 | 3.6 | 13.7 | 2000 | 138 | 1725 | 4.9 | CC |
| 786 | 3.6 | 13.7 | 5000 | 345 | 1750 | 12.3 | CC |
| 341 | 4.0 | 15.1 | 1800 | 124 | 1725 | 4.9 | CC |
| 5CPQ6241CS | 4.0 | 15.1 | 2000 | 138 | 1725 | 5.5 | CC |
| 2SFQ42SEEL | 4.2 | 15.9 | 1200 | 83 | 1725 | 3.5 | HS |
| 3CP1221 | 4.2 | 15.9 | 2000 | 138 | 1725 | 5.8 | CC |
| 781 | 4.7 | 17.8 | 5000 | 345 | 1750 | 16.1 | CC |
| 351 | 5.0 | 19.0 | 1500 | 103 | 1725 | 5.1 | CC |
| 3CP1211CS | 5.0 | 19.0 | 1700 | 117 | 1750 | 5.8 | CC |
| 5CPQ6251 | 5.0 | 19.0 | 2000 | 138 | 1725 | 6.8 | CC |
| 5CPQ6281CSS | 5.5 | 21.0 | 2000 | 138 | 1725 | 7.5 | CC |
| 5CPQ6271CSS | 6.6 | 25.0 | 1800 | 124 | 1725 | 8.1 | CC |
| 5CPQ6221 | 7.4 | 28.0 | 1200 | 83 | 1725 | 6.1 | CC |
| 7CP6111CS | 10.5 | 39.9 | 2000 | 138 | 1750 | 14.4 | CC |
| 1731 | 15.8 | 59.8 | 1500 | 103 | 1750 | 16.2 | CC |

*HS – Hollow Shaft, ⅝" or 1 ⅛" CC - Close Coupled, Bell Housing

# **Plunger Pumps** Direct Drive, Engine Driven

### BRASS MANIFOLD

| MODEL | MAX FLOW | | MAX PRESSURE | | ENGINE RPM | SHAFT |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 4DNX25GSI | 2.5 | 9.5 | 3000 | 207 | 3450 | ¾" |
| 4DNX27GSI | 2.7 | 10.3 | 3000 | 207 | 3450 | ¾" |
| 740G1* | 2.8 | 10.6 | 5000 | 345 | 3465 | 1" |
| 4DX29GUIF | 2.9 | 11.0 | 2600 | 179 | 3450 | ¾" |
| 2SF30GS | 3.0 | 11.4 | 2000 | 138 | 3450 | ¾" |
| 2SFX30GZ | 3.0 | 11.4 | 2500 | 172 | 3450 | ¾" |
| 66DX30G1I | 3.0 | 11.4 | 4000 | 275 | 3450 | 1" |
| 4SPX32G1I | 3.2 | 12.1 | 3000 | 207 | 3450 | 1" |
| 2SF35GS | 3.5 | 13.3 | 2000 | 138 | 3450 | ¾" |
| 3CP1120G* | 3.5 | 13.3 | 2200 | 152 | 3600 | ¾" |
| 66DX35G1I | 3.5 | 13.3 | 4000 | 275 | 3450 | 1" |
| 760G1* | 3.5 | 13.3 | 5000 | 345 | 3465 | 1" |
| 5CP3160CSSG1* | 4.0 | 15.1 | 3500 | 241 | 3320 | 1" |
| 66DX40G1I | 4.0 | 15.1 | 4000 | 275 | 3450 | 1" |
| 60G1* | 4.5 | 17.0 | 4000 | 275 | 3450 | 1" |
| 5CP3120CSSG1* | 4.5 | 17.1 | 3500 | 241 | 3353 | 1" |
| 45G1* | 4.5 | 17.1 | 3500 | 241 | 3353 | 1" |
| 700G1* | 4.5 | 17.1 | 5000 | 345 | 3465 | 1" |
| 5CP3150CSSG1* | 5.0 | 18.9 | 3000 | 207 | 3450 | 1" |
| 66DX50G1I | 5.0 | 18.9 | 3500 | 241 | 3400 | 1" |
| 5CP5135CSSG1* | 5.8 | 21.9 | 3500 | 241 | 3450 | 1" |
| 5CP5140CSSG1* | 6.2 | 23.4 | 3000 | 207 | 3450 | 1" |
| 5CP6120CSSG1* | 7.2 | 27.2 | 1500 | 103 | 3450 | 1" |
| 5CP6180CSSG1* | 8.0 | 30.3 | 1500 | 103 | 3450 | 1" |
| 56G1* | 8.0 | 30.3 | 2500 | 172 | 3600 | 1" |
| 56HSG1* | 8.0 | 30.3 | 3000 | 207 | 3600 | 1" |
| 7CP6165CSG1* | 8.0 | 30.3 | 3500 | 241 | 3265 | 1" |
| 5CP6190G1* | 9.7 | 36.7 | 1200 | 83 | 3450 | 1" |
| 7CP6110CSG1* | 10.0 | 38.0 | 2000 | 138 | 3400 | 1" |
| 7CP6160CSG1* | 10.0 | 38.0 | 2500 | 172 | 3400 | 1" |
| 7CP6170G1* | 12.0 | 45.4 | 1800 | 124 | 3264 | 1" |

*Gearbox drive, pump runs approximately half of engine speed. All 1" gearboxes also available with 1 ⅛" shaft

### 316 STAINLESS STEEL MANIFOLD

| MODEL | MAX FLOW | | MAX PRESSURE | | ENGINE RPM | SHAFT |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 3CP1241G* | 3.0 | 11.4 | 2000 | 138 | 3600 | ¾" |
| 3CP1211G* | 3.8 | 14.4 | 1500 | 103 | 3400 | ¾" |
| 5CPQ6241CSG1* | 4.0 | 15.1 | 2000 | 138 | 3600 | 1" |
| 781G1* | 4.5 | 17.1 | 5000 | 345 | 3465 | 1" |
| 5CPQ6251G1* | 5.0 | 19.0 | 2000 | 138 | 3600 | 1" |
| 5CPQ6221G1* | 7.4 | 28.0 | 1200 | 83 | 3600 | 1" |
| 7CP6111CSG1* | 10.0 | 38.0 | 2000 | 138 | 3400 | 1" |

*Gearbox drive, pump runs approximately half of engine speed. All 1" gearboxes also available with 1 ⅛" shaft

# **Plunger Pumps** Solid Shaft

### BRASS AND 304 STAINLESS STEEL MANIFOLD

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 5CP4110CSS | 2.2 | 8.3 | 4000 | 275 | 1750 | 6.3 |
| 3CP1130 | 2.4 | 9.1 | 2200 | 152 | 1725 | 3.6 |
| 5CP3105CSS | 2.5 | 9.5 | 3500 | 241 | 1750 | 6.0 |
| 5CP4112CSS | 2.7 | 10.2 | 4000 | 275 | 1750 | 7.7 |
| 740 | 2.9 | 11.0 | 5000 | 345 | 1750 | 9.9 |
| 1810* | 3.0 | 11.4 | 10000 | 689 | 1500 | 20.5 |
| 5CP4114CSS | 3.2 | 12.1 | 4000 | 275 | 1750 | 8.8 |
| 3CP1140 | 3.6 | 13.7 | 2200 | 152 | 1725 | 5.4 |
| 5CP3110CSS | 3.6 | 13.7 | 3500 | 241 | 1750 | 8.6 |

*17-4SS Stainless Steel

# Plunger Pumps Solid Shaft – Continued

**BRASS AND 304 STAINLESS STEEL MANIFOLD** (CONTINUED)

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 760 | 3.6 | 13.7 | 5000 | 345 | 1750 | 12.3 |
| 5CP4116CSS | 3.8 | 14.4 | 4000 | 275 | 1750 | 10.4 |
| 340 | 4.0 | 15.1 | 1800 | 124 | 1725 | 4.9 |
| 310 | 4.0 | 15.1 | 2200 | 152 | 950 | 6.0 |
| 5CP2120W | 4.0 | 15.1 | 2500 | 172 | 950 | 6.8 |
| 5CP2140WCS | 4.0 | 15.1 | 2500 | 172 | 1725 | 6.8 |
| 3CP1120 | 4.2 | 15.9 | 2200 | 152 | 1725 | 6.3 |
| 5CP4118CSS | 4.2 | 15.9 | 4000 | 275 | 1750 | 11.5 |
| 5CP3160CSS | 4.3 | 16.3 | 3500 | 241 | 1750 | 10.3 |
| 45 | 4.5 | 17.1 | 3500 | 241 | 1645 | 10.8 |
| 5CP3120 | 4.5 | 17.1 | 3500 | 241 | 1645 | 10.8 |
| 57 | 4.5 | 17.1 | 4000 | 275 | 1285 | 12.3 |
| 5CP4120CSS | 4.5 | 17.1 | 4000 | 275 | 1750 | 12.3 |
| 60 | 4.7 | 17.9 | 4000 | 275 | 1750 | 12.9 |
| 700 | 4.7 | 17.9 | 5000 | 345 | 1750 | 16.1 |
| 5CP3120 | 4.8 | 18.2 | 3000 | 207 | 1750 | 9.9 |
| 310 | 5.0 | 19.0 | 1500 | 103 | 1190 | 5.1 |
| 350 | 5.0 | 19.0 | 1500 | 103 | 1725 | 5.1 |
| 3CP1110CS | 5.0 | 19.0 | 1700 | 117 | 1750 | 5.8 |
| 5CP2150W | 5.0 | 19.0 | 2000 | 138 | 1725 | 6.8 |
| 530 | 5.0 | 19.0 | 2500 | 172 | 1100 | 8.6 |
| 5CP5120 | 5.0 | 19.0 | 3000 | 207 | 1415 | 10.3 |
| 550 | 5.0 | 19.0 | 3000 | 207 | 1415 | 10.3 |
| 5CP3150CSS | 5.2 | 19.7 | 3000 | 207 | 1750 | 10.6 |
| 56 | 5.5 | 20.9 | 3500 | 241 | 1210 | 13.2 |
| 5CP5140CSS | 5.5 | 20.9 | 3500 | 241 | 1750 | 13.2 |
| 5CP5120 | 6.0 | 22.8 | 2500 | 172 | 1750 | 10.3 |
| 5CP5135CSS | 6.0 | 22.8 | 3500 | 241 | 1750 | 14.3 |
| 1570 | 6.0 | 22.8 | 6000 | 414 | 1350 | 24.7 |
| 3810* | 6.0 | 22.8 | 10000 | 689 | 870 | 41.1 |
| 5CP5140CSS | 6.4 | 24.3 | 3000 | 207 | 1750 | 13.2 |
| 650 | 7.0 | 26.6 | 3000 | 207 | 1000 | 14.4 |
| 5CP6120 | 7.4 | 28.0 | 1500 | 103 | 1725 | 7.6 |
| 5CP6190 | 8.0 | 30.3 | 1450 | 100 | 1450 | 7.9 |
| 56 | 8.0 | 30.3 | 2500 | 172 | 1760 | 13.7 |
| 56HS | 8.0 | 30.3 | 3000 | 207 | 1760 | 16.4 |
| 7CP6185CS | 8.0 | 30.3 | 3500 | 241 | 1320 | 19.2 |
| 5CP6180CSS | 8.2 | 31.0 | 1500 | 103 | 1750 | 8.4 |
| 1560 | 9.0 | 34.2 | 4000 | 275 | 1280 | 21.9 |
| 5CP6190 | 10.0 | 38.0 | 1200 | 83 | 1750 | 8.2 |
| 1050 | 10.0 | 38.0 | 2200 | 152 | 958 | 15.1 |
| 660 | 10.0 | 38.0 | 3000 | 207 | 1429 | 20.5 |
| 3550 | 10.0 | 38.0 | 6000 | 414 | 880 | 41.1 |
| 6810* | 10.0 | 38.0 | 10000 | 689 | 600 | 68.5 |
| 7CP6110CS | 10.5 | 39.9 | 2000 | 138 | 1750 | 14.4 |
| 7CP6160CS | 10.6 | 40.1 | 2500 | 172 | 1750 | 18.2 |
| 7CP6170 | 11.0 | 41.6 | 2000 | 138 | 1450 | 15.1 |
| 1050 | 12.3 | 46.5 | 1800 | 124 | 1180 | 15.2 |
| 7CP6170 | 12.0 | 45.4 | 1800 | 124 | 1600 | 14.8 |
| 1580 | 12.0 | 45.4 | 3000 | 207 | 1180 | 24.7 |
| 1530 | 15.6 | 59.3 | 1500 | 103 | 1450 | 16.0 |
| 1730 | 15.8 | 60 | 1500 | 103 | 1750 | 16.2 |
| 2560, 2560BH | 16.0 | 60.6 | 3000 | 207 | 1510 | 32.9 |
| 1540E | 19.3 | 73.0 | 1200 | 83 | 1180 | 15.8 |
| 2510 | 20.0 | 75.7 | 2000 | 138 | 1450 | 27.4 |
| 2565, 2565BH | 20.0 | 75.7 | 2500 | 172 | 1450 | 34.2 |
| 3560** | 20.0 | 75.7 | 4000 | 275 | 1160 | 54.8 |
| 2530 | 25.0 | 95.0 | 1200 | 83 | 1025 | 20.5 |
| 3520 | 25.0 | 95.0 | 2000 | 138 | 870 | 34.2 |
| 3560** | 25.0 | 95.0 | 3000 | 207 | 1450 | 51.4 |
| 3570 | 30.0 | 113.6 | 2500 | 172 | 1080 | 51.4 |
| 3570S** | 30.0 | 113.6 | 3000 | 207 | 1080 | 61.6 |
| 3535 | 36.0 | 136.0 | 1200 | 83 | 800 | 29.6 |
| 3535HS*** | 40.0 | 151.0 | 2000 | 138 | 888 | 54.8 |
| 3545 | 45.0 | 171.0 | 1000 | 69 | 765 | 30.8 |
| 3545HS*** | 50.0 | 189.3 | 1500 | 103 | 850 | 51.4 |
| 67070 | 50.0 | 189.3 | 2000 | 138 | 653 | 68.5 |
| 67070*** | 50.0 | 189.3 | 3000 | 207 | 653 | 102.7 |
| 6760 | 60.0 | 228.0 | 1200 | 83 | 520 | 49.3 |
| 67070*** | 65.0 | 246.0 | 2000 | 138 | 850 | 89.0 |
| 6775 | 75.0 | 285.0 | 1200 | 83 | 650 | 61.6 |

*17- 4SS Stainless Steel **316 Stainless Steel Discharge Manifold ***Intermittent Duty

Note: Intermittent Duty Cycle defined as: Operating pump at maximum rated flow and pressure for no more than 50% of the time in any given hour.

## NICKEL ALUMINUM BRONZE MANIFOLD

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 237 | 2.3 | 8.7 | 1500 | 103 | 1725 | 2.4 |
| 277 | 3.5 | 13.3 | 1500 | 103 | 1420 | 3.6 |
| 247 | 3.6 | 13.7 | 1200 | 83 | 1725 | 3.0 |
| 347 | 4.0 | 15.1 | 1800 | 124 | 1725 | 4.9 |
| 317 | 4.0 | 15.1 | 2200 | 152 | 950 | 6.0 |
| 277 | 4.2 | 15.9 | 1000 | 69.0 | 1725 | 2.9 |
| 357 | 5.0 | 19.0 | 1500 | 103 | 1725 | 5.1 |
| 1057 | 10.0 | 38.0 | 2200 | 152 | 958 | 15.1 |
| 3507HS | 10.0 | 38.0 | 5000 | 345 | 915 | 34.2 |
| 1057 | 12.3 | 46.5 | 1800 | 124 | 1180 | 15.2 |
| 3517HS | 14.0 | 53.2 | 3000 | 207 | 800 | 28.8 |
| 2537 | 25.0 | 95.0 | 1200 | 83 | 1025 | 20.5 |
| 3527HS | 25.0 | 95.0 | 2000 | 138 | 870 | 34.2 |
| 3537HS | 36.0 | 136.0 | 1200 | 83 | 800 | 29.6 |
| 3537HS* | 40.0 | 151.4 | 2000 | 138 | 888 | 54.8 |
| 3547HS | 45.0 | 170.0 | 1000 | 69 | 765 | 30.8 |
| 6747 | 48.0 | 182.4 | 2000 | 138 | 615 | 65.8 |
| 3547HS* | 50.0 | 189.3 | 1500 | 103 | 850 | 51.4 |
| 6767 | 60.0 | 228.0 | 1200 | 83 | 520 | 49.3 |

*Intermittent Duty

Note: Intermittent Duty Cycle defined as: Operating pump at maximum rated flow and pressure for no more than 50% of the time in any given hour.

## 316 STAINLESS STEEL AND DUPLEX STAINLESS STEEL MANIFOLD

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 3CP1231 | 2.3 | 8.7 | 2000 | 138 | 1725 | 3.2 |
| 784 | 2.9 | 11.0 | 5000 | 345 | 1750 | 9.9 |
| 301 | 3.2 | 12.1 | 2200 | 152 | 1725 | 4.8 |
| 3CP1241 | 3.6 | 13.7 | 2000 | 138 | 1725 | 4.9 |
| 786 | 3.6 | 13.7 | 5000 | 345 | 1750 | 12.3 |
| 341 | 4.0 | 15.1 | 1800 | 124 | 1725 | 4.9 |
| 5CPQ6241CS | 4.0 | 15.1 | 2000 | 138 | 1725 | 5.5 |
| 311 | 4.0 | 15.1 | 2200 | 152 | 950 | 6.0 |
| 3CP1221 | 4.2 | 15.9 | 2000 | 138 | 1725 | 5.8 |
| 781 | 4.7 | 17.9 | 5000 | 345 | 1750 | 16.1 |
| 351 | 5.0 | 19.0 | 1500 | 103 | 1725 | 5.1 |
| 3CP1211CS | 5.0 | 19.0 | 1700 | 117 | 1750 | 5.8 |
| 5CPQ6251 | 5.0 | 19.0 | 2000 | 138 | 1725 | 6.8 |
| 5CPQ6281CSS | 5.5 | 20.9 | 2000 | 138 | 1725 | 7.5 |
| 5CPQ6221 | 6.0 | 22.8 | 2000 | 138 | 1400 | 8.2 |
| 5CPQ6271CSS | 6.6 | 25.1 | 1800 | 124 | 1725 | 8.1 |
| 5CPQ6221 | 7.4 | 28.0 | 1200 | 83 | 1725 | 6.1 |
| 1051 | 10.0 | 38.0 | 2200 | 152 | 958 | 15.1 |
| 1051D | 10.0 | 38.0 | 2200 | 152 | 958 | 15.1 |
| 661D | 10.0 | 38.0 | 3000 | 207 | 1429 | 20.5 |
| 3501 | 10.0 | 38.0 | 5000 | 345 | 915 | 34.2 |
| 3801HS | 10.0 | 38.0 | 5000 | 345 | 915 | 34.2 |
| 7CP6111CS | 10.5 | 39.9 | 2000 | 138 | 1750 | 14.4 |
| 7CP6171CS | 10.5 | 39.9 | 2000 | 138 | 1450 | 14.4 |
| 1051 | 12.3 | 46.5 | 1800 | 124 | 1180 | 15.2 |
| 1051D | 12.3 | 46.5 | 1800 | 124 | 1180 | 15.2 |
| 3511DHS | 14.0 | 53.2 | 3000 | 207 | 800 | 28.8 |
| 3811HS | 14.0 | 53.2 | 3000 | 207 | 800 | 28.8 |
| 6811 | 15.0 | 57.0 | 5000 | 345 | 600 | 51.4 |
| 6801 | 15.0 | 57.0 | 7000 | 483 | 600 | 71.9 |
| 1531 | 15.6 | 59.3 | 1500 | 103 | 1450 | 16.0 |
| 1731 | 15.8 | 59.8 | 1500 | 103 | 1750 | 16.2 |
| 1541 | 19.3 | 73.0 | 1200 | 83 | 1180 | 15.8 |
| 2511 | 20.0 | 75.7 | 1500 | 103 | 1450 | 20.5 |
| 2531 | 25.0 | 95.0 | 1200 | 83 | 1025 | 20.5 |
| 3521DHS | 25.0 | 95.0 | 2000 | 138 | 870 | 34.2 |
| 3821HS | 25.0 | 95.0 | 2000 | 138 | 870 | 34.2 |
| 6821 | 25.0 | 95.0 | 3000 | 207 | 615 | 51.4 |
| 3531DHS | 36.0 | 136.0 | 1200 | 83 | 800 | 29.6 |

# Plunger Pumps Solid Shaft – Continued

**316 STAINLESS STEEL AND DUPLEX STAINLESS STEEL MANIFOLD** (CONTINUED)

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 3531DHS* | 40.0 | 151.4 | 2000 | 138 | 888 | 54.8 |
| 3831HS* | 40.0 | 151.4 | 2000 | 138 | 888 | 54.8 |
| 6831 | 40.0 | 151.4 | 2300 | 159 | 625 | 63.0 |
| 6835 | 40.0 | 151.4 | 3000 | 207 | 625 | 82.2 |
| 3541DHS | 45.0 | 170.0 | 1000 | 69 | 765 | 30.8 |
| 3841HS | 45.0 | 170.0 | 1000 | 69 | 765 | 30.8 |
| 6841 | 48.0 | 182.4 | 2000 | 138 | 615 | 65.8 |
| 3541DHS* | 50.0 | 189.2 | 1500 | 103 | 850 | 51.4 |
| 3841HS* | 50.0 | 189.2 | 1500 | 103 | 850 | 51.4 |
| 6761 | 60.0 | 228.0 | 1200 | 83 | 520 | 49.3 |
| 6861 | 60.0 | 228.0 | 1200 | 83 | 520 | 49.3 |
| 6762 | 60.0 | 228.0 | 1200 | 83 | 520 | 49.3 |
| 67102 | 80.0 | 302.8 | 1200 | 83 | 540 | 65.8 |
| 67102 | 100.0 | 378.5 | 1000 | 69 | 680 | 68.5 |
| 157R060 | 100.0 | 378.5 | 2700 | 186 | 310 | 184.9 |
| 152R060 | 115.0 | 435.0 | 1200 | 83 | 360 | 94.5 |
| 152R061 | 115.0 | 435.0 | 2000 | 138 | 360 | 157.5 |
| 152R080 | 200.0 | 757.0 | 1200 | 83 | 355 | 164.4 |
| 152R081 | 200.0 | 757.0 | 1560 | 108 | 355 | 214.0 |
| 152R100 | 240.0 | 912.0 | 1000 | 69 | 270 | 164.4 |

*Intermittent Duty

Note: Intermittent Duty Cycle defined as: Operating pump at maximum rated flow and pressure for no more than 50% of the time in any given hour.

# Piston Pumps Solid Shaft

**BRASS MANIFOLD**

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 280 | 3.0 | 11.4 | 1000 | 69 | 1330 | 2.1 |
| 290 | 3.5 | 13.3 | 1200 | 83 | 1200 | 2.9 |
| 333 | 4.0 | 15.1 | 1200 | 83 | 1070 | 3.3 |
| 430 | 5.0 | 19.0 | 1000 | 69 | 1040 | 3.4 |
| 323 | 5.0 | 19.0 | 1500 | 103 | 1000 | 5.1 |
| 623 | 6.0 | 22.8 | 1200 | 83 | 850 | 4.9 |
| 820 | 10.0 | 38.0 | 1000 | 69 | 940 | 6.8 |
| 390 | 12.0 | 45.4 | 600 | 41 | 1200 | 4.9 |
| 1010 | 13.0 | 49.4 | 700 | 48 | 900 | 6.2 |
| 2520 | 25.0 | 95.0 | 800 | 55 | 772 | 13.7 |
| 6040 | 40.0 | 151.4 | 1500 | 103 | 500 | 41.1 |
| 6020 | 60.0 | 228.0 | 1000 | 69 | 500 | 41.1 |

**316 STAINLESS STEEL MANIFOLD**

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 281 | 3.0 | 11.4 | 1000 | 69 | 1330 | 2.1 |
| 291 | 3.5 | 13.3 | 1200 | 83 | 1200 | 2.9 |
| 331 | 4.0 | 15.1 | 1200 | 83 | 1070 | 3.3 |
| 431 | 5.0 | 19.0 | 1000 | 69 | 1040 | 3.4 |
| 621 | 6.0 | 22.8 | 1200 | 83 | 850 | 4.9 |
| 821 | 10.0 | 38.0 | 1000 | 69 | 940 | 6.8 |
| 1011 | 13.0 | 49.4 | 700 | 48 | 900 | 6.2 |
| 6041 | 40.0 | 151.4 | 1500 | 103 | 500 | 41.1 |
| 6021 | 60.0 | 228.0 | 1000 | 69 | 500 | 41.1 |

# Specialty Pumps Flushed Manifolds

### BRASS, 304 STAINLESS STEEL AND NICKEL ALUMINUM BRONZE MANIFOLD

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 1810K* | 3.0 | 11.4 | 10000 | 689 | 1500 | 20.5 |
| 1530C | 15.6 | 59.0 | 1500 | 103 | 1450 | 16.0 |
| 1540EC | 19.3 | 73.0 | 1200 | 83 | 1180 | 15.8 |
| 2520C | 25.0 | 95.0 | 800 | 55 | 772 | 13.7 |
| 3520C | 25.0 | 95.0 | 2000 | 138 | 870 | 34.2 |
| 3570C | 30.0 | 113.6 | 2500 | 172 | 1080 | 51.4 |
| 3535C | 36.0 | 136.0 | 1200 | 83 | 800 | 29.6 |

*17- 4SS Stainless Steel

Model numbers ending in "C" indicate flushed cast manifold and "K" indicate flushed block manifold.

### 316 STAINLESS STEEL AND DUPLEX STAINLESS STEEL MANIFOLD

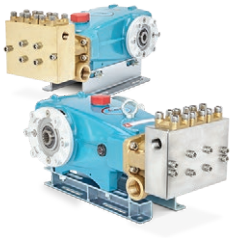
| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 301C | 3.2 | 12.1 | 2200 | 152 | 1725 | 4.8 |
| 341C | 4.0 | 15.1 | 1800 | 124 | 1725 | 4.9 |
| 311C | 4.0 | 15.1 | 2200 | 152 | 950 | 6.0 |
| 781K | 4.7 | 17.9 | 5000 | 345 | 1750 | 15.4 |
| 351C | 5.0 | 19.0 | 1500 | 103 | 1725 | 5.1 |
| 1051C | 10.0 | 38.0 | 2200 | 152 | 958 | 15.1 |
| 661C | 10.0 | 38.0 | 3000 | 207 | 1429 | 20.5 |
| 7CP6171CCS | 10.5 | 39.9 | 2000 | 138 | 1450 | 14.4 |
| 7CP6111CCS | 10.5 | 39.9 | 2000 | 138 | 1750 | 14.4 |
| 1051C | 12.3 | 46.5 | 1800 | 124 | 1180 | 15.2 |
| 3511CHS | 14.0 | 53.2 | 3000 | 207 | 800 | 28.8 |
| 6811K | 15.0 | 57.0 | 5000 | 345 | 600 | 51.4 |
| 6801K | 15.0 | 57.0 | 7000 | 483 | 600 | 71.9 |
| 1541C | 19.3 | 73.0 | 1200 | 83 | 1180 | 15.8 |
| 2531C | 25.0 | 95.0 | 1200 | 83 | 1025 | 20.5 |
| 3521CHS | 25.0 | 95.0 | 2000 | 138 | 870 | 34.2 |
| 3821KHS | 25.0 | 95.0 | 2000 | 138 | 870 | 34.2 |
| 6821K | 25.0 | 95.0 | 3000 | 207 | 615 | 51.4 |
| 3531CHS | 36.0 | 136.0 | 1200 | 83 | 800 | 29.6 |
| 3831KHS | 36.0 | 136.0 | 1200 | 83 | 800 | 29.6 |
| 3531CHS* | 40.0 | 151.4 | 2000 | 138 | 888 | 54.8 |
| 3831KHS* | 40.0 | 151.4 | 2000 | 138 | 888 | 54.8 |
| 6831K | 40.0 | 151.4 | 2300 | 159 | 625 | 63.0 |
| 6835K | 40.0 | 151.4 | 3000 | 207 | 625 | 82.2 |
| 3541CHS | 45.0 | 170.0 | 1000 | 69 | 765 | 30.8 |
| 3841KHS | 45.0 | 170.0 | 1000 | 69 | 765 | 30.8 |
| 6841K | 48.0 | 182.4 | 2000 | 138 | 615 | 65.8 |
| 3541CHS* | 50.0 | 189.2 | 1500 | 103 | 850 | 51.4 |
| 3841KHS* | 50.0 | 189.2 | 1500 | 103 | 850 | 51.4 |
| 6861K | 60.0 | 228.0 | 1200 | 83 | 520 | 49.3 |
| 67102C | 100.0 | 378.5 | 1000 | 69 | 680 | 68.5 |
| 152R060C | 115.0 | 437.0 | 1200 | 83 | 360 | 94.5 |
| 152R080C | 200.0 | 757.0 | 1200 | 83 | 355 | 164.4 |
| 152R100C | 240.0 | 912.0 | 1000 | 69 | 270 | 164.4 |

*Intermittent Duty

Note: Intermittent Duty Cycle defined as: Operating pump at maximum rated flow and pressure for no more than 50% of the time in any given hour

Model numbers ending in "C" indicate flushed cast manifold and "K" indicate flushed block manifold.

# **Specialty Pumps** Spline and X/XD Models



### BRASS AND 316 STAINLESS STEEL MANIFOLD

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | DRIVE TYPE* | SPLINE | TORQUE |
|---|---|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | | | FT-LBS |
| 2565T13 | 20 | 75.7 | 3000 | 207 | 1450 | HS | ⅞" 13 TEETH | 149 |
| 3560T14* | 20 | 75.7 | 4000 | 275 | 1160 | HS | 1 ¼" 14 TEETH | 248 |
| 3560T14* | 25 | 95.0 | 3000 | 207 | 1450 | HS | 1 ¼" 14 TEETH | 186 |

* 316 Stainless steel discharge manifold
HS – Hollow shaft
Reverse shaft pumps available upon request

### 316 STAINLESS STEEL AND DUPLEX MANIFOLD

| MODEL | MAX FLOW | | MAX PRESSURE | | RPM | HP |
|---|---|---|---|---|---|---|
| | GPM | LPM | PSI | BAR | | |
| 1061X* | 10 | 38 | 2200 | 152 | 958 | 15.1 |
| 1061XD* | 10 | 38 | 2200 | 152 | 958 | 15.1 |
| 1061X* | 12.3 | 46.6 | 1800 | 124 | 1180 | 15.1 |
| 1061XD* | 12.3 | 46.6 | 1800 | 124 | 1180 | 15.1 |
| 3621X** | 25 | 94.6 | 2000 | 138 | 870 | 34.2 |
| 3621XD** | 25 | 94.6 | 2000 | 138 | 870 | 34.2 |
| 3622X*** | 25 | 94.6 | 2000 | 138 | 870 | 34.2 |
| 3631X** | 36 | 136 | 1200 | 83 | 800 | 29.6 |
| 3631XD** | 36 | 136 | 1200 | 83 | 800 | 29.6 |
| 3632X*** | 36 | 136 | 1200 | 83 | 800 | 29.6 |
| 3641X** | 45 | 170 | 1000 | 69 | 765 | 30.8 |
| 3641XD** | 45 | 170 | 1000 | 69 | 765 | 30.8 |
| 3642X*** | 45 | 170 | 1000 | 69 | 765 | 30.8 |

* 316 Stainless steel manifold and internals
** Duplex stainless steel discharge manifold and 316 stainless steel inlet manifold and internals
*** Duplex stainless inlet and discharge manifolds and internals

## Contact Cat Pumps for more information at info@catpumps.com or (763) 780-5440

The Pumps with Nine Lives

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