

Cast Iron, Ni-Resist or Silver Series XL

Series 7700 7-Roller



- Max. fluid temperature: 140°F/60°C
- Port size: 3/4" NPT
- Housing: Cast Iron (C), Ni-Resist (N) or Silvercast (XL)
- Shaft rotation: Counter clockwise when looking at the shaft end (Clockwise available)
- Rollers: Super Rollers standard [Poly (T3) and Teflon® (T2)]
- Shaft Seals: Viton standard
- Available PTO adapters: See page 67
- Recommended PTO torque arm kit 3430-0540
- Rotor: Cast Iron, Ni-Resist or Silvercast
- Weight: 14 lbs./6.36 kg

| Pressure in PSI and BAR | GPM | HP | GPM | HP | GPM | HP |
|-------------------------|----------|------|----------|------|----------|------|
| | LPM | HP | LPM | HP | LPM | HP |
| | @540 RPM | | @600 RPM | | @800 RPM | |
| 0 PSI | 14.2 | .23 | 15.3 | .28 | 22.1 | .37 |
| 0 BAR | 53.7 | .23 | 57.9 | .28 | 83.6 | .37 |
| 50 PSI | 12.9 | .56 | 14.0 | .62 | 20.7 | .86 |
| 3.4 BAR | 48.8 | .56 | 53 | .62 | 78.3 | .86 |
| 100 PSI | 11.9 | 1.10 | 13.0 | 1.20 | 19.5 | 1.66 |
| 6.9 BAR | 45 | 1.10 | 49.2 | 1.20 | 73.8 | 1.66 |
| 150 PSI | 11.2 | 1.64 | 12.3 | 1.80 | 18.6 | 2.40 |
| 10.3 BAR | 42.4 | 1.64 | 46.6 | 1.80 | 70.4 | 2.40 |
| 200 PSI | 10.3 | 2.22 | 11.6 | 2.44 | 17.8 | 3.26 |
| 13.8 BAR | 39 | 2.22 | 43.9 | 2.44 | 67.4 | 3.26 |

Order Information

| Model Number | Max GPM | Max LPM | Max PSI | Max BAR | Max RPM | Shaft Output | | |
|--------------|---------|---------|---------|---------|---------|--------------|---------|-------|
| | | | | | | U.S | Metric | Shaft |
| 7700C | 22.1 | 83.7 | 200 | 13.8 | 800 | 15/16" | 23.8 mm | solid |
| 7700N | 22.1 | 83.7 | 200 | 13.8 | 800 | 15/16" | 23.8 mm | solid |
| 7700XL | 22.1 | 83.7 | 200 | 13.8 | 800 | 15/16" | 23.8 mm | solid |

Teflon® rollers - Add Suffix "T2" - (i.e.: 7700C-T2).
 Polypropylene rollers - Add Suffix "T3" - (i.e.: 7700C-T3).
 Reverse rotation* - Add Suffix "R" - (i.e.: 7700C-R).

Cast Iron, Ni-Resist or Silver Series XL

Series 1700 5-Roller



- Max. fluid temperature: 140°F/60°C
- Port size: 1" NPT
- Housing: Cast Iron (C), Ni-Resist (N) or Silvercast (XL)
- Shaft rotation: Counter clockwise when looking at the shaft end (Clockwise available)
- Rollers: Super Rollers standard [Poly (T3) and Teflon® (T2) available]
- Shaft Seals: Viton standard
- Available PTO adapters (forged steel recommended): See page 67
- Recommended PTO torque arm kit 3430-0540
- Rotor: Cast Iron, Ni-Resist or Silvercast
- Weight: 19 lbs./8.6 kg

| Pressure in PSI and BAR | GPM | HP | GPM | HP | GPM | HP |
|-------------------------|----------|------|----------|------|-----------|------|
| | LPM | HP | LPM | HP | LPM | HP |
| | @540 RPM | | @600 RPM | | @1000 RPM | |
| 0 PSI | 25.0 | 2.7 | 28.0 | .34 | 45.0 | 1.42 |
| 0 BAR | 94.6 | 2.7 | 106 | .34 | 170 | 1.42 |
| 50 PSI | 21.0 | 1.18 | 24.5 | 1.39 | 43.0 | 3.0 |
| 3.4 BAR | 79.5 | 1.18 | 92.7 | 1.39 | 163 | 3.0 |
| 100 PSI | 19.0 | 2.13 | 22.0 | 2.36 | 41.0 | 4.67 |
| 6.9 BAR | 71.9 | 2.13 | 83.3 | 2.36 | 155 | 4.67 |
| 150 PSI | 17.0 | 2.89 | 20.0 | 3.34 | 39.0 | 6.07 |
| 10.3 BAR | 64.3 | 2.89 | 75.7 | 3.34 | 148 | 6.07 |
| 200 PSI | 15.0 | 3.85 | 18.0 | 4.39 | ---- | ---- |
| 13.8 BAR | 56.8 | 3.85 | 681 | 4.39 | ---- | ---- |

Order Information

| Model Number | Max GPM | Max LPM | Max PSI | Max BAR | Max RPM | Shaft Output | | |
|--------------|---------|---------|---------|---------|---------|--------------|---------|-------|
| | | | | | | U.S | Metric | Shaft |
| 1700C | 45 | 170 | 200 | 13.8 | 1000 | 15/16" | 23.8 mm | solid |
| 1700N | 45 | 170 | 200 | 13.8 | 1000 | 15/16" | 23.8 mm | solid |
| 1700XL | 45 | 170 | 200 | 13.8 | 1000 | 15/16" | 23.8 mm | solid |

Teflon® rollers - Add Suffix "T2" - (i.e.: 1700C-T2).
 Polypropylene rollers - Add Suffix "T3" - (i.e.: 1700C-T3).
 Reverse rotation* - Add Suffix "R" - (i.e.: 1700C-R).

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