

Cast Iron, Ni-Resist or Silver Series XL

Series 4001 4 Roller



Pressure in PSI and BAR	GPM LPM	HP HP	GPM LPM	HP HP	GPM LPM	HP HP
	@1100 RPM		@1400 RPM		@1800 RPM	
0 PSI	5.5	.06	7.1	.10	9.1	.14
0 BAR	20.8	.06	26.9	.10	34.4	.14
25 PSI	4.9	.14	6.4	.20	8.5	.30
1.7 BAR	18.5	.14	24.2	.20	32.2	.30
50 PSI	4.4	.24	5.9	.32	8.0	.46
3.4 BAR	16.6	.24	22.3	.32	30.3	.46
75 PSI	4.1	.34	5.6	.44	7.6	.62
5.2 BAR	15.5	.34	21.2	.44	28.7	.62
100 PSI	3.8	.41	5.3	.56	7.3	.78
6.9 BAR	14.4	.41	20.1	.56	27.6	.78
125 PSI	3.5	.50	5.0	.68	7.0	.95
8.6 BAR	13.2	.50	18.9	.68	26.5	.95
150 PSI	3.3	.62	4.8	.78	6.7	1.1
10.3 BAR	12.5	.62	18.2	.78	25.4	1.1

- Port size: 3/4" NPT
- Max. fluid temperature: 140°F/60°C
- Housing: Cast Iron (C), Ni-Resist (N) or Silvercast (XL)
- Pump shaft rotation: Clockwise when looking at the shaft end (counter clockwise available)
- Rollers: Super Rollers standard [Poly (T3) and Teflon® (T2)]
- Shaft Seals: Viton® standard
- Available shaft adapters: See page 72
- Special torque arm and base kit is available for gas engines
- Rotor: Cast Iron, Ni-Resist or Silvercast
- Weight: 5 lbs./2.3 kg

Order Information

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max RPM	Shaft Output		
						U.S.	Metric	Shaft
4001C	9.1	34.4	150	10.3	1800	5/8"	15.9 mm	solid
4001C-H	9.1	34.4	150	10.3	1800	1/2"	12.7 mm	hollow
4001	9.1	34.4	150	10.3	1800	5/8"	15.9 mm	solid
4001N-H	9.1	34.4	150	10.3	1800	1/2"	12.7 mm	hollow
4001XL	9.1	34.4	150	10.3	1800	5/8"	15.9 mm	solid
4001XL-H	9.1	34.4	150	10.3	1800	1/2"	12.7 mm	hollow

Teflon® rollers - Add Suffix "T2" - (i.e.: 4001C-T2).
Polypropylene rollers - Add Suffix "T3" - (i.e.: 4001C-T3).
Reverse rotation* - Add Suffix "R" - (i.e.: 4001C-R).

Cast Iron, Ni-Resist or Silver Series XL

Series 4101 4 Roller



Pressure in PSI and BAR	GPM LPM	HP HP	GPM LPM	HP HP	GPM LPM	HP HP
	@1800 RPM		@2200 RPM		@2600 RPM	
0 PSI	5.0	.11	6.2	.14	7.2	.16
0 BAR	18.9	.11	23.5	.14	27.3	.16
25 PSI	4.8	.21	5.8	.27	6.9	.30
1.7 BAR	18.1	.21	21.9	.27	26.1	.30
50 PSI	4.5	.34	5.6	.40	6.6	.46
3.4 BAR	17.0	.34	21.2	.40	25.0	.46
75 PSI	4.2	.45	5.4	.55	6.4	.62
5.2 BAR	15.9	.45	20.4	.55	24.2	.62
100 PSI	3.9	.56	5.0	.68	6.0	.76
6.9 BAR	14.8	.56	18.9	.68	22.7	.76
125 PSI	3.7	.68	4.7	.82	5.7	.92
8.6 BAR	14.0	.68	17.8	.82	21.6	.92
150 PSI	3.4	.78	4.4	.96	5.4	1.08
10.3 BAR	12.9	.78	16.6	.96	20.4	1.08

- Port size: 3/4" NPT
- Max. fluid temperature: 140°F/60°C
- Housing: Cast Iron (C), Ni-Resist (N) or Silvercast (XL)
- Pump shaft rotation: Clockwise when looking at the shaft end (counter clockwise available)
- Rollers: Super Rollers standard [Poly (T3) and Teflon® (T2)]
- Shaft Seals: Viton® standard
- Available shaft adapters: See page 72
- Special torque arm and base kit is available for gas engines
- Rotor: Cast Iron, Ni-Resist or Silvercast
- Weight: 5 lbs./2.27 kg

Order Information

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max RPM	Shaft Output		
						U.S.	Metric	Shaft
4101C	7.2	27.3	150	10.3	2600	5/8"	15.9 mm	solid
4101C-H	7.2	27.3	150	10.3	2600	1/2"	12.7 mm	hollow
4101N	7.2	27.3	150	10.3	2600	5/8"	15.9 mm	solid
4101N-H	7.2	27.3	150	10.3	2600	1/2"	12.7 mm	hollow
4101XL	7.2	27.3	150	10.3	2600	5/8"	15.9 mm	solid
4101XL-H	7.2	27.3	150	10.3	2600	1/2"	12.7 mm	hollow

Teflon® rollers - Add Suffix "T2" - (i.e.: 4101C-T2).
Polypropylene rollers - Add Suffix "T3" - (i.e.: 4101C-T3).
Reverse rotation* - Add Suffix "R" - (i.e.: 4101C-R).