

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 72
- 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 (BSP available on 1700C)
- 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 72
- Recommended PTO torque arm kit 3430-0540
- Rotor: Cast Iron, Ni-Resist or Silvercast
- Weight: 19 lbs./8.6 kg

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

* BSP Version - 1700C-BT

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).

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	68.1	4.39	----	----

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