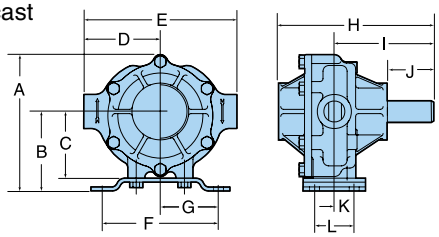
Cast Iron, Ni-Resist or Silver Series XL®

Series 7700 7-Roller Includes Models: 7700C, 7700N, 7700XL

FEATURES

- Max. fluid temperature: 140°F/60°C
- Port size: ¾" NPT
- Housing: Cast Iron (C), Ni-Resist (N) or Silvercast (XL)
- Weight: 14 lbs./6.36 kg
- Pump shaft rotation: CCW (CW available)*
- Rollers: Super Rollers standard (Poly (T3), Teflon (T2) and Buna-N (G) available)
- Shaft Seals: Viton standard (Buna-N (M) available)
- Available PTO adapters: See page 71
- Recommended PTO torque arm kit 3430-0540
- Rotor: Cast Iron, Ni-Resist or Silvercast

Dimensions		
	Standard	mm
A.	6.00	152
B.	3.50	89
C.	2.94	75
D.	3.38	86
E.	6.75	171
F.	5.13	130
G.	2.56	65
H.	6.94	176
I.	4.41	112
J.	2.00	52
K.	0.88	22
L.	1.75	44



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 PSI	Max RPM	Shaft Output
7700C	22.1	200	800	15/16" solid shaft
7700N	22.1	200	800	15/16" solid shaft
7700XL	22.1	200	800	15/16" solid shaft

Teflon rollers - Add Suffix "T2" - (i.e.: 7700C-T2).
Polypropylene rollers - Add Suffix "T3" - (i.e.: 7700C-T3).
Buna-N seals - Add Suffix "M" - (i.e.: 7700C-M).
Reverse rotation - Add Suffix "R" - (i.e.: 7700C-R).

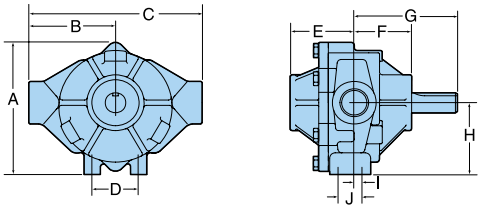
Cast Iron, Ni-Resist or Silver Series XL®

Series 1700 5-Roller Includes Models: 1700C, 1700N, 1700XL

FEATURES

- Max. fluid temperature: 140°F/60°C
- Port size: 1" NPT
- Housing: Cast Iron (C), Ni-Resist (N) or Silvercast (XL)
- Pump shaft rotation: CCW (CW available)*
- Weight: 19 lbs./8.6 kg
- Rollers: Super Rollers standard (Poly (T3) and Teflon (T2) available)
- Shaft Seals: Viton standard (Buna-N (M) available)
- Available PTO adapters (forged steel recommended): See page 71
- Recommended PTO torque arm kit 3430-0540
- Rotor: Cast Iron, Ni-Resist or Silvercast

Dimensions		
	Standard	mm
A.	6.20	158
B.	3.66	93
C.	7.94	202
D.	2.13	54
E.	2.94	75
F.	2.63	67
G.	4.72	120
H.	3.38	86
I.	0.75	19
J.	1.13	29



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	——	——

* CCW (counterclockwise) and CW (clockwise) are determined when looking at the shaft end.

Order Information

Model Number	Max GPM	Max PSI	Max RPM	Shaft Output
1700C	45	200	1000	15/16" solid shaft
1700N	45	200	1000	15/16" solid shaft
1700XL	45	200	1000	15/16" solid shaft

Teflon rollers - Add Suffix "T2" - (i.e.: 1700C-T2).
Polypropylene rollers - Add Suffix "T3" - (i.e.: 1700C-T3).
Buna-N seals - Add Suffix "M" - (i.e.: 1700C-M).
Reverse rotation - Add Suffix "R" - (i.e.: 1700C-R).