

PUMPS

HYPRO PUMPS

HYPRO®

ROLLER PUMPS

Series 1700 5-Roller

Features:

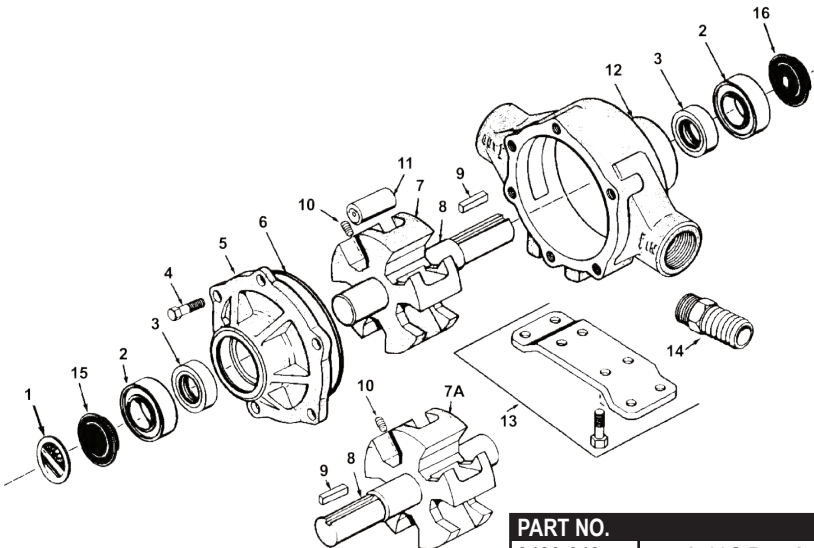
- Port size: 1" NPT
- Max. fluid temperature: 140°
- Housing: Cast Iron (C), Ni-Resist (N), or Silvercast (XL)
- Shaft Rotation: Counter clockwise when looking at the shaft end (clockwise available)
- Rollers: Super Rollers standard (Poly (T3) and Teflon® (T2))
- Shaft Seals: Viton® standard
- Rotor: Cast Iron, Ni-Resist or Silvercast
- Weight: 19 lbs

**CATALOG IS LIST PRICE
PLEASE APPLY DISCOUNT**



Roller Pumps

PART NUMBER	MAX GPM	MAX PSI	MAX RPM	HOUSING	ROLLERS	ROTATION	SHAFT OUTPUT
1700C	45	200	1000	Cast Iron	Super Rollers	Counter-Clockwise	15/16" Solid Shaft
1700C-T3	45	200	1000	Cast Iron	Polypropylene Rollers	Counter-Clockwise	15/16" Solid Shaft
1700N	45	200	1000	Ni-Resist	Super Rollers	Counter-Clockwise	15/16" Solid Shaft
1700N-T3	45	200	1000	Ni-Resist	Polypropylene Rollers	Counter-Clockwise	15/16" Solid Shaft
1700XL	45	200	1000	Silvercast	Super Rollers	Counter-Clockwise	15/16" Solid Shaft
1700XL-T3	45	200	1000	Silvercast	Polypropylene Rollers	Counter-Clockwise	15/16" Solid Shaft
1700C-R	45	200	1000	Cast Iron	Super Rollers	Clockwise	15/16" Solid Shaft
1700C-RT3	45	200	1000	Cast Iron	Polypropylene Rollers	Clockwise	15/16" Solid Shaft
1700N-R	45	200	1000	Ni-Resist	Super Rollers	Clockwise	15/16" Solid Shaft
1700N-RT3	45	200	1000	Ni-Resist	Polypropylene Rollers	Clockwise	15/16" Solid Shaft
1700XL-R	45	200	1000	Silvercast	Super Rollers	Clockwise	15/16" Solid Shaft
1700XL-RT3	45	200	1000	Silvercast	Polypropylene Rollers	Clockwise	15/16" Solid Shaft



1700 PERFORMANCE CHART

Pressure in PSI	GPM @540 RPM	HP @540 RPM	GPM @600 RPM	HP @600 RPM	GPM @1000 RPM	HP @1000 RPM
0	25.0	2.7	28.0	.34	45.0	1.42
50	21.0	1.18	24.5	1.39	43.0	3.0
100	19.0	2.13	22.0	2.36	41.0	4.67
150	17.0	2.89	20.0	3.34	39.0	6.07
200	15.0	3.85	18.0	4.39	-	-

FOR GAS ENGINE, USE -R FOR REVERSE ROTATION



**DIE CAST
QUICK COUPLERS**
To Fit 1700 Series Models with
15/16" Pump Shaft

PART NO.	PTO	RPM
1321-0007	1-3/8" (6 spline)	540
1321-0009	1-3/8" (21 spline)	1000
1321-0013	1-3/8" (multi-speed)	540/1000

PART NO.	DESCRIPTION
3430-0437	1700C Repair Kit Includes Items (5) Super Rollers (Ref. 11), (1) O-ring (Ref. 6), (2) Viton® Seals (Ref. 3)
3430-0161	Repair Kit Includes Items (5) Polypropylene Rollers (Ref. 11), (1) O-ring (Ref. 6), (2) Viton® Seals (Ref. 3)

REF NO.	QTY REQ'D	PART NO.	DESCRIPTION
1	1	6031-0258	Name Plate
2	2	2008-0001	Sealed Ball Bearing
3	2	2112-0003	Viton Seal (Standard)
3	2	2112-0001	Buna-N Seal (Optional)
4	6	2210-0005	Bolts
5	1	0200-1700C	Endplate (Cast Iron) with Seal
5	1	0200-1700N	Endplate (Ni-Resist) with Seal
5	1	0200-1700X	Endplate (SilverCast) with Seal
6	1	1720-0099	O-ring Gasket for Endplate
7	1	0300-1700C	Rotor (Cast Iron) with shaft
7	1	0300-1700N	Rotor (Ni-Resist) with shaft
7	1	0300-1700X	Rotor (SilverCast) with shaft
7A	1	0301-1700C	Rotor (Cast Iron) with shaft-Reverse Rotation
7A	1	0301-1700N	Rotor (Ni-Resist) with shaft-Reverse Rotation
7A	1	0301-1700X	Rotor (SilverCast) with shaft-Reverse Rotation

REF NO.	QTY REQ'D	PART NO.	DESCRIPTION
8	1	0500-1502	Shaft Only
9	1	1610-0005	Key
10	1	2230-0018	Set Screw
10	1	2230-0034	Set Screw (SilverCast Only)
11	5	1005-0005	Super Roller (Standard)
11	5	1002-0005	Polypropylene Roller (Optional)
11	5	N/A	Teflon® Roller (Optional)
12	1	0100-1700C	Body (Cast Iron) with Seal
12	1	0100-1700N	Body (Ni-Resist) with Seal
12	1	0100-1700X	Body (SilverCast) with Seal
13	1 kit	3420-0010	Base Kit - Sold Separately Includes (1) Base & (4) Bolts
14	1	2404-0191	1-1/4" Hose Barb
15	1	2300-0020	Bearing Cover
16	1	2300-0022	Shaft Bearing Cover

Grimes, IA **800-351-1587** • Gardner, KS **877-829-8502** • Brimfield, IL **855-778-8500**