

# Transfer Pumps-3 in. Polypropylene

## Series 1543P, 9243P and 9343P



Achieve the highest performance available in a 3" poly transfer pump (up to 484 GPM / 1832 LPM) with the highest efficiency and horsepower on the market. Ideal for nurse tank transfer and other closed system applications. The polypropylene housing and EPDM elastomers protect the pump from most chemicals and corrosive environments.

- Gas engine mount, pedestal mount or hydraulic drive options available
- Gas engine-driven versions powered by field proven 13 HP Hypro PowerPro engine or Honda GX390 (EPA & CARB certified)
- Housing: 3" X 3" Polypropylene
- Pump Seals: EPDM Mechanical
- Suction lift: 25 ft./7.62 m
- Poly impeller with stainless steel insert

### Order Information

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Port Size	Engine Mfg. & HP
1543P-130SP	440	1666	54	3.7	3" x 3" NPT	PowerPro 13 HP
1543P-130ESP	440	1666	54	3.7	3" x 3" NPT	PowerPro 13 HP w/ elec. start
1543P-130ESP-01	440	1666	54	3.7	300 x 300 UF	PowerPro 13 HP w/ elec. start
1543P-390EHSP	440	1666	54	3.7	3" x 3" NPT	Honda® GX390 w/ elec. start
9243P-SP	460	1741	54	3.7	3" x 3" NPT	Pedestal
9343P-GM6-SP	450	1703	52	3.6	3" x 3" NPT	Hydraulic
9343P-GM6Y-SP*	450	1703	52	3.6	3" x 3" NPT	Hydraulic
9343P-GM10-SP	484	1832	58	4.0	3" x 3" NPT	Hydraulic
9343P-GM10Y-SP*	484	1832	58	4.0	3" x 3" NPT	Hydraulic
3430-0692	Pump head kit with EPDM seal					
3430-0757	EDPM seal kit					
3410-0042	Cam lock kit					

\* Y= case drain motor

### 1543P-130SP, 1543P-130ESP, 1543P-390EHSP, 1543P-130ESP-01 U.S. Units

GPM at 0 PSI	GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 58 PSI
440	400	338	269	184	68	0

### 1543P-130SP, 1543P-130ESP, 1543P-390EHSP, 1543P-130ESP-01 Metric Units

LPM at 0 BAR	LPM at 0.7 BAR	LPM at 1.4 BAR	LPM at 2.1 BAR	LPM at 2.8 BAR	LPM at 3.4 BAR	LPM at 4.0 BAR
1666	1514	1279	1018	697	257	0

### 9243P-SP

#### U.S. Units

	Feet PSI	0	12	23	35	46	58	69	81	92	104	116
		0	5	10	15	20	25	30	35	40	45	50
2900	GPM	380	358	342	312	275	224	160	50	-	-	-
	RPM	7.1	6.8	6.5	6.3	6.0	5.6	5.0	4.2	-	-	-
3200	GPM	424	405	384	359	331	297	251	193	103	0	-
	RPM	9.1	8.9	8.7	8.5	8.3	8.0	7.5	7.0	6.2	5.3	-
3500	GPM	460	445	425	404	379	353	321	280	227	159	70
	RPM	12.2	11.8	11.4	11.1	10.9	10.6	10.2	9.8	9.2	8.5	7.5

### 9243P-SP

#### Metric Units

	m BAR	5.1	10.2	12.8	15.3	17.9	20.4	23.0	25.5	28.1	30.6	33.2	35.7
		0.50	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
2900	LPM	1325	1193	1097	980	830	637	376	46	-	-	-	-
	RPM	5.0	4.7	4.6	4.4	4.1	3.8	3.4	2.9	-	-	-	-
3200	LPM	1497	1378	1301	1215	1118	996	853	660	403	154	-	-
	RPM	6.6	6.4	6.3	6.1	6.0	5.7	5.5	5.2	4.7	4.3	-	-
3500	LPM	1650	1537	1471	1403	1328	1242	1139	1016	866	685	467	208
	RPM	8.7	8.3	8.2	8.0	7.9	7.7	7.5	7.2	6.9	6.5	6.0	5.5

### 9343P-GM6-SP

#### US Units

Performance	Feet PSI	0	12	23	35	46	58	69	81	92	104	116	127
		0	5	10	15	20	25	30	35	40	45	50	55
8 gal/min	GPM	342	316	284	240	176	67	-	-	-	-	-	-
9 gal/min	GPM	378	355	327	294	252	194	103	-	-	-	-	-
10 gal/min	GPM	414	394	371	345	314	276	227	155	52	-	-	-
11 gal/min	GPM	450	433	414	392	368	340	307	265	210	128	28	-

### 9343P-GM6-SP

#### Metric Units

Performance	m BAR	5.1	10.2	12.8	15.3	17.9	20.4	23.0	25.5	28.1	30.6	33.2	35.7
		0.50	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
30 l/min	LPM	1110	885	730	495	145	-165	-	-	-	-	-	-
35 l/min	LPM	1335	1180	1085	970	825	630	345	35	-	-	-	-
40 l/min	LPM	1545	1425	1355	1270	1185	1080	960	805	600	325	45	-

### 9343P-GM10-SP

#### US Units

Performance	Feet PSI	0	12	23	35	46	58	69	81	92	104	116	127
		0	5	10	15	20	25	30	35	40	45	50	55
12 gal/min	GPM	364	340	310	274	227	157	46	-	-	-	-	-
13 gal/min	GPM	391	368	342	312	275	227	158	55	-	-	-	-
14 gal/min	GPM	415	395	373	348	318	282	236	170	74	-	-	-
15 gal/min	GPM	445	426	406	383	357	327	292	247	187	102	7	-
16 gal/min	GPM	484	466	446	425	401	374	344	309	266	211	139	47

### 9343P-GM10-SP

#### Metric Units

Performance	m BAR	5.1	10.2	12.8	15.3	17.9	20.4	23.0	25.5	28.1	30.6	33.2	35.7
		0.50	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
45 l/min	LPM	1225	1045	925	775	560	250	43	-	-	-	-	-
50 l/min	LPM	1390	1240	1150	1045	920	760	540	255	-24	-	-	-
55 l/min	LPM	1535	1405	1335	1255	1165	1060	935	780	575	310	35	-
60 l/min	LPM	1730	1610	1540	1470	1390	1305	1215	1105	985	840	665	445

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