



HYPRO®

SPRAY PRODUCTS

3" Polypropylene Transfer Pumps

Ideal for Tank Filling and Chemical Transfer



Achieve the highest performance available in a 3" poly transfer pump up to 460 gpm (1650 lpm) with the highest efficiency and horsepower on the market. Ideal for nurse tank transfer and other closed system applications.

FEATURES & BENEFITS:

- Polypropylene housing is suitable for corrosive environments
- PowerPro™ gas engine-driven, hydraulic motor-driven, and pedestal models available to satisfy nearly any application requirement
 - Specifically designed to work with 9 and 13 HP PowerPro™ engines and fits on standard SAE j609a flanged engines between 8 and 18 HP with 1" keyed shafts
- Self-priming capabilities with maximum suction lift up to 25 feet/7.62 meters
- Poly impellers with stainless steel inserts can handle solid particles in suspension up to 3/8" diameter
- EPDM mechanical seal and inlet valve for longevity and reliability in most applications
- Supported with a one-year Hypro® warranty
- Pump, engine and hydraulic motor repair parts available for easy servicing



Easily handles high capacity liquid transfer jobs up to 460 gpm (1650 lpm)



Hypro's chemical-resistant, poly self-priming transfer pumps are ideal for rapid tank-filling, irrigation, flood water removal, chemical transfer and more.

3" Polypropylene Transfer Pumps

SPECIFICATIONS



Gas Engine Drive

US Units

PERFORMANCE	Feet	0	12	23	35	46	58	69	81	92	104	116	125
	PSI	0	5	10	15	20	25	30	35	40	45	50	55
1543P-90SP	GPM	373	360	343	317	291	261	231	194	156	105	53	-
1543P-130SP	GPM	440	420	400	369	338	304	269	227	184	126	68	-
1543P-390EHSP	GPM	440	420	400	369	338	304	269	227	184	126	68	-

Gas Engine Drive

Metric Units

PERFORMANCE	m	0.0	3.5	7.0	10.6	14.1	17.6	21.1	24.6	28.2	31.7	35.2	38.0
	bar	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4	3.7
1543P-90SP	LPM	1412	1363	1298	1200	1102	988	874	732	591	396	201	-
1543P-130SP	LPM	1666	1590	1514	1397	1279	1149	1018	857	697	477	257	-
1543P-390EHSP	LPM	1666	1590	1514	1397	1279	1149	1018	857	697	477	257	-

Hydraulic Drive

US Units

PERFORMANCE	Feet	0	12	23	35	46	58	69	81	92	104	116	127
	PSI	0	5	10	15	20	25	30	35	40	45	50	55
9343P-GM6-SP	GPM	342	316	284	240	176	67	-	-	-	-	-	-
8 gal/min	GPM	378	355	327	294	252	194	103	-	-	-	-	-
9 gal/min	GPM	414	394	371	345	314	276	227	155	52	-	-	-
10 gal/min	GPM	450	433	414	392	368	340	307	265	210	128	28	-
11 gal/min	GPM												

Hydraulic Drive

Metric Units

PERFORMANCE	m	5.1	10.2	12.8	15.3	17.9	20.4	23.0	25.5	28.1	30.6	33.2	35.7
	BAR	0.50	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
9343P-GM6-SP	LPM	1110	885	730	495	145	-165	-	-	-	-	-	-
30 l/min	LPM	1335	1180	1085	970	825	630	345	35	-	-	-	-
35 l/min	LPM	1545	1425	1355	1270	1185	1080	960	805	600	325	45	-
40 l/min	LPM												



Hydraulic Drive

US Units

PERFORMANCE	Feet	0	12	23	35	46	58	69	81	92	104	116	127
	PSI	0	5	10	15	20	25	30	35	40	45	50	55
9343P-GM10-SP	GPM	364	340	310	274	227	157	46	-	-	-	-	-
12 gal/min	GPM	391	368	342	312	275	227	158	55	-	-	-	-
13 gal/min	GPM	415	395	373	348	318	282	236	170	74	-	-	-
14 gal/min	GPM	445	426	406	383	357	327	292	247	187	102	7	-
15 gal/min	GPM	484	466	446	425	401	374	344	309	266	211	139	47
16 gal/min	GPM												

Hydraulic Drive

Metric Units

PERFORMANCE	m	5.1	10.2	12.8	15.3	17.9	20.4	23.0	25.5	28.1	30.6	33.2	35.7
	BAR	0.50	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
9343P-GM10-SP	LPM	1225	1045	925	775	560	250	-43	-	-	-	-	-
45 l/min	LPM	1390	1240	1150	1045	920	760	540	255	-24	-	-	-
50 l/min	LPM	1535	1405	1335	1255	1165	1060	935	780	575	310	35	-
55 l/min	LPM	1730	1610	1540	1470	1390	1305	1215	1105	985	840	665	445
60 l/min	LPM												



Pedestal-Direct Drive

US Units

PERFORMANCE	Feet	0	12	23	35	46	58	69	81	92	104	116
	PSI	0	5	10	15	20	25	30	35	40	45	50
9243P-SP	GPM	380	358	342	312	275	224	160	50	-	-	-
2900 RPM	HP	7.1	6.8	6.5	6.3	6.0	5.6	5.0	4.2	-	-	-
3200 RPM	GPM	424	405	384	359	331	297	251	193	103	0	-
3200 RPM	HP	9.1	8.9	8.7	8.5	8.3	8.0	7.5	7.0	6.2	5.3	-
3500 RPM	GPM	460	445	425	404	379	353	321	280	227	159	70
3500 RPM	HP	12.2	11.8	11.4	11.1	10.9	10.6	10.2	9.8	9.2	8.5	7.5

Pedestal-Direct Drive

Metric Units

PERFORMANCE	m	5.1	10.2	12.8	15.3	17.9	20.4	23.0	25.5	28.1	30.6	33.2	35.7
	BAR	0.50	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
9243P-SP	LPM	1325	1193	1097	980	830	637	376	46	-	-	-	-
2900 RPM	kW	5.0	4.7	4.6	4.4	4.1	3.8	3.4	2.9	-	-	-	-
3200 RPM	LPM	1497	1378	1301	1215	1118	996	853	660	403	154	-	-
3200 RPM	kW	6.6	6.4	6.3	6.1	6.0	5.7	5.5	5.2	4.7	4.3	-	-
3500 RPM	LPM	1650	1537	1471	1403	1328	1242	1139	1016	866	685	467	208
3500 RPM	kW	8.7	8.3	8.2	8.0	7.9	7.7	7.5	7.2	6.9	6.5	6.0	5.5

Order Information

Model Number	Max GPM	Max PSI	Port Size	Engine Mfg. & HP
1543P-90SP	373	54	3" x 3"	PowerPro 9 HP
1543P-90ESP	373	54	3" x 3"	PowerPro 9 HP w/ elec. start
1543P-130SP	440	54	3" x 3"	PowerPro 13 HP
1543P-130ESP	440	54	3" x 3"	PowerPro 13 HP w/ elec. start
1543P-390EHSP	440	54	3" x 3"	Honda® GX390 w/ elec. start
9243P-SP	460	54	3" x 3"	-
9343P-GM6-SP	450	52	3" x 3"	-
9343P-GM10-SP	484	58	3" x 3"	-
3430-0692	Pump head kit with EPDM seal			
3430-0757	EPDM seal kit			



Pentair

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