



HYPRO[®]

ENGINE-DRIVEN PUMPS

WITH QUALITY ENGINES FROM:

POWERED by
HONDA[™]



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1540P Polypropylene Series Transfer Pumps

Lightweight and Versatile Pumps Ideal for Tank Filling and Chemical Transfer

Features & Benefits

- Polypropylene housing is suitable for corrosive environments
- Powered by Honda® or Briggs & Stratton® engine
- Self-priming capabilities with maximum suction lift up to 25 feet/7.62 meters
- Nylon impellers (1542P Series) and poly impellers with stainless steel inserts (1543P Series) can handle solid particles in suspension up to 3/8" diameter
- EPDM mechanical seal and inlet valve for longevity and reliability in most applications (Viton® available on 2")
- Available in 2" and 3" models to fit common hose sizes
- Achieve the highest performance available in a 3" poly transfer pump with the highest efficiency and horsepower on the market
- Supported with a one-year Hypro® warranty on pump
 - Three-year warranty on Honda engines
 - One-year warranty on Briggs & Stratton engines
- Pump and engine repair parts available for easy servicing



1542P-160HSP



1543P-390EHSP



1542P-550BSP

Order Information

Model Number	Max GPM	Max PSI	Port Size	Engine Mfg. & HP
1542P-160HSP	150	58	2" x 2"	Honda GX160
1542P-550BSP	150	58	2" X 2"	Briggs & Stratton 550
1542P-950BSP	200	58	2" X 2"	Briggs & Stratton 950
1542P-200HSP	200	58	2" x 2"	Honda GX200
3430-0690	Pump head kit for 1542P with EPDM seal 3 Vane			
3430-0691	Pump head kit for 1542P with EPDM seal 5 Vane			
3430-0635	EPDM seal kit for 1542P Series			
3930-0659	Viton seal kit for 1542P Series			
1543P-390EHSP*	440	54	3" x 3"	Honda GX390
3430-0692	Pump head kit for 1543P series with EPDM seals			
3430-0692-02	Flanged pump head kit for 1543P Series with EPDM seals			
3430-0757	EPDM seal kit for 1543P series			

Hydraulic motor & pedestal models available. Reference catalog HYP01 for more information.

*Electric Start

1542P-160HSP

US Standard

GPM at 20 PSI	GPM at 25 PSI	GPM at 30 PSI	GPM at 35 PSI	GPM at 40 PSI	GPM at 45 PSI	GPM at 50 PSI
114	101	86	71	50	24	0

1542P-160HSP

Metric

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
568	556	496	409	303	182	0

1542P-550BSP

US Standard

GPM at 0 PSI	GPM at 12 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 54 PSI
150	147	131	108	80	46	0

1542P-550BSP

Metric

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 3.7 BAR
568	556	496	409	303	182	0

1542P-950BSP

US Standard

GPM at 0 PSI	GPM at 12 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 54 PSI
200	182	162	136	106	65	0

1542P-950BSP

Metric

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 3.7 BAR
757	689	613	515	401	246	0

1542P-200HSP

US Standard

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
200	182	162	136	106	65	0

1542P-200HSP

Metric

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
757	689	613	515	401	246	0

1543P-390EHSP

US Standard

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 54 PSI
440	400	338	269	184	68	0

1543P-390EHSP

Metric

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 3.7 BAR
1666	1514	1279	1018	697	257	0

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1540A Aluminum Series Transfer Pumps

Lightweight Pumps Ideal for Water Transfer

Features & Benefits

- Aluminum housing is suitable for applications of flood water removal, lawn and garden watering and pond filling
- Powered by Honda® or Briggs & Stratton® engine
- Self-priming capabilities with maximum suction lift up to:
 - 23 feet/7.01 meters (1542A/1543A)
- Durable cast iron impeller and diffuser for long life
- Trash pump can handle solid particles in suspension up to 1-1/8" diameter (Transfer pump models handle solids up to 3/8")
- EPDM mechanical seal and inlet valve for longevity and reliability in dewatering applications
- 2" and 3" NPT ports
- Supported with a one-year Hypro® warranty on pump
 - Three-year warranty on Honda engines
 - One-year warranty on Briggs & Stratton engines
- Pump and engine repair parts available for easy servicing
- Pump head kits mount to standard 4-7 HP gas engine with SAEj609a mounts (3/4" keyed shaft)



1542A-160HSP



1543A-160HSP



1543A-160HTSP

Order Information

Model Number	Max GPM	Max PSI	Port Size	Engine Mfg. & HP
1542A-160HSP	147	50	2" x 2" NPT	Honda GX160
1542A-550BSP	147	50	2" x 2" NPT	Briggs & Stratton 550
1543A-160HSP	259	42	3" x 3" NPT	Honda GX160
1543A-160HTSP (Trash)	245	38	3" x 3" NPT	Honda GX160
3430-0792	2" Transfer kit (NPT ports, SAE 3/4" keyed shaft mount)			
3430-0793	3" Transfer kit (NPT ports, SAE 3/4" keyed shaft mount)			
3430-0791	3" Trash kit (NPT ports, SAE 3/4" keyed shaft mount)			

1542A-160HSP

US Standard

GPM at 5 PSI	GPM at 10 PSI	GPM at 15 PSI	GPM at 20 PSI	GPM at 25 PSI	GPM at 30 PSI	GPM at 35 PSI	GPM at 40 PSI	GPM at 45 PSI	GPM at 50 PSI
147	144	136.6	124.7	110.2	94.1	78.3	57.1	19.2	0

1542A-160HSP

Metric

LPM at 0.3 BAR	LPM at 0.7 BAR	LPM at 1.0 BAR	LPM at 1.4 BAR	LPM at 1.7 BAR	LPM at 2.1 BAR	LPM at 2.4 BAR	LPM at 2.8 BAR	LPM at 3.1 BAR	LPM at 3.4 BAR
556.5	545.1	517.1	472	417.2	356.2	296.4	216.1	72.7	0

1542A-550BSP

US Standard

GPM at 5 PSI	GPM at 10 PSI	GPM at 15 PSI	GPM at 20 PSI	GPM at 25 PSI	GPM at 30 PSI	GPM at 35 PSI	GPM at 40 PSI	GPM at 45 PSI	GPM at 50 PSI
147	144	136.6	124.7	110.2	94.1	78.3	57.1	19.2	0

1542A-550BSP

Metric

LPM at 0.3 BAR	LPM at 0.7 BAR	LPM at 1.0 BAR	LPM at 1.4 BAR	LPM at 1.7 BAR	LPM at 2.1 BAR	LPM at 2.4 BAR	LPM at 2.8 BAR	LPM at 3.1 BAR	LPM at 3.4 BAR
556.5	545.1	517.1	472	417.2	356.2	296.4	216.1	72.7	0

1543A-160HSP

US Standard

GPM at 10 PSI	GPM at 15 PSI	GPM at 20 PSI	GPM at 25 PSI	GPM at 30 PSI	GPM at 35 PSI	GPM at 40 PSI	GPM at 42 PSI
243	216	185	152	120	86	45	0

1543A-160HSP

Metric

LPM at 0.7 BAR	LPM at 1.0 BAR	LPM at 1.4 BAR	LPM at 1.7 BAR	LPM at 2.1 BAR	LPM at 2.4 BAR	LPM at 2.8 BAR	LPM at 2.9 BAR
920	817.6	700.3	575.4	454.2	325.5	170.3	0

1543A-160HTSP

US Standard

GPM at 5 PSI	GPM at 10 PSI	GPM at 15 PSI	GPM at 20 PSI	GPM at 25 PSI	GPM at 30 PSI	GPM at 35 PSI	GPM at 38 PSI
228	211	183	155	118	80	25	0

1543A-65HTSP

Metric

LPM at 0.3 BAR	LPM at 0.7 BAR	LPM at 1.0 BAR	LPM at 1.4 BAR	LPM at 1.7 BAR	LPM at 2.1 BAR	LPM at 2.4 BAR	LPM at 2.6 BAR
863.1	78.7	692.7	586.7	446.7	302.8	94.6	0

1530C Cast Iron Series Transfer Pumps

Heavy-Duty Pumps Suitable for Rugged Transfer Applications

Features & Benefits

- Cast iron housing and impeller ideal for rugged applications including tank filling and chemical transfer
- Powered by Honda® engines
- Self-priming capabilities with maximum suction lift up to 20 feet/6.1 meters
- Fluoroelastomer seal provides excellent chemical resistance
- Available in 2" and 3" models to fit common hose sizes
- Supported with a one-year Hypro® warranty on pump
- Three-year warranty on Honda engines
- Pump and engine repair parts available for easy servicing



1532C-160HSP

Order Information

Model Number	Max GPM	Max PSI	Port Size	Engine Mfg. & HP
1532C-160HSP	150	42	2" x 2"	Honda GX160
3430-0673CSP	170	42	Pump head kit for 2" self-priming cast iron transfer pump	
1533C-390EHSP*	330	66	3" x 3"	Honda GX390
3430-0674CSP	330	66	Pump head kit for 3" self-priming cast iron transfer pump	

Additional drive options available. Reference catalog HYP01 for more information.

* Electric Start



1533C-390EHSP

1532C-160HSP

US Standard

GPM at 0 PSI	GPM at 5 PSI	GPM at 10 PSI	GPM at 15 PSI	GPM at 20 PSI	GPM at 25 PSI	GPM at 30 PSI	GPM at 35 PSI	GPM at 40 PSI	GPM at 42 PSI
150	130	114	99	83	65	46	23	13	0

1532C-160HSP

Metric

LPM at 0 BAR	LPM at 0.3 BAR	LPM at 0.7 BAR	LPM at 1.0 BAR	LPM at 1.4 BAR	LPM at 1.7 BAR	LPM at 2.1 BAR	LPM at 2.4 BAR	LPM at 2.8 BAR	LPM at 2.9 BAR
644	587	530	466	401	329	246	159	53	0

1533C-390EHSP

US Standard

GPM at 0 PSI	GPM at 5 PSI	GPM at 10 PSI	GPM at 15 PSI	GPM at 20 PSI	GPM at 25 PSI	GPM at 30 PSI	GPM at 35 PSI	GPM at 40 PSI	GPM at 45 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 66 PSI
330	325	321	315	296	273	248	221	192	161	129	48	0

1533C-390EHSP

Metric

LPM at 0 BAR	LPM at 0.3 BAR	LPM at 0.7 BAR	LPM at 1.0 BAR	LPM at 1.4 BAR	LPM at 1.7 BAR	LPM at 2.1 BAR	LPM at 2.4 BAR	LPM at 2.8 BAR	LPM at 3.1 BAR	LPM at 3.4 BAR	LPM at 4.1 BAR	LPM at 4.6 BAR
1249	1230	1215	1192	1120	1033	938	836	726	609	488	181	0

Cast Iron Engine Driven Pumps

Heavy-Duty Pumps

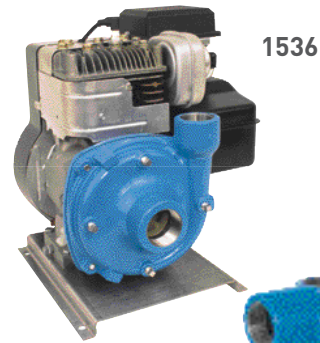
Features & Benefits

- Powered by Honda® or Briggs & Stratton® engine
- Max fluid temp: 140°F/60°C
- Housing: Cast Iron
- Impeller: Nylon
- Fill Port: 3/4" NPT

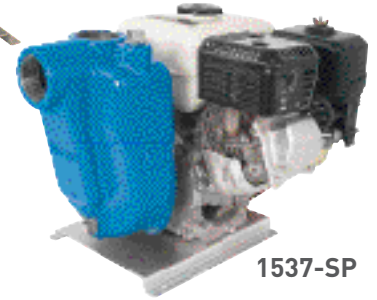
Order Information

Model Number	Max GPM	Max PSI	Port Size	Engine Mfg. & HP
1536	110	75	1½" x 1¼"	Briggs & Stratton 5.5 HP
1536-SP	100	65	2" x 2"	Briggs & Stratton 5.5 HP
1537	110	80	1½" x 1¼"	Honda 5.5 HP
1537-SP	106	75	2" x 2"	Honda 5.5 HP
1539	Same as model 1536 without mounting base			
1539-SP	Same as model 1536-SP without mounting base			
1540	Same as model 1537 without mounting base			
1540-SP	Same as model 1537-SP without mounting base			
3430-0332	Seal kit standard			
3430-0482SP	Self-primer conversion kit			
3430-0589	Life Guard® silicon carbide seal kit			
1550	150	140	2" x 1½"	Honda 9 HP
1550-SP	155	135	2" x 2"	Honda 9 HP – Self Priming
1550-BSP*	155	135	2" x 2"	Honda 9 HP – Self Priming
3430-0464	Seal, O-ring, and gasket repair kit			

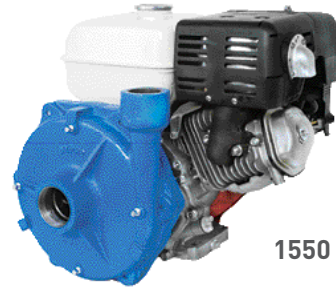
* BSP threads



1536



1537-SP



1550

1536, 1539 – 5.5 HP Briggs & Stratton

US Standard

GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI
110	106	96	87	73	50

1536, 1539 – 5.5 HP Briggs & Stratton

Metric

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 4.1 BAR
416	401	363	329	276	189

1536-SP, 1539-SP – 5.5 HP Briggs & Stratton

US Standard

GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI
92	81	67	55	40	15

1536-SP, 1539-SP – 5.5 HP Briggs & Stratton

Metric

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 4.1 BAR
348	307	254	208	151	57

1550 – 9.0 HP Honda

US Standard

GPM at 20 PSI	GPM at 40 PSI	GPM at 60 PSI	GPM at 80 PSI	GPM at 100 PSI	GPM at 120 PSI	GPM at 140 PSI
92	81	67	55	40	40	15

1550 – 9.0 HP Honda

Metric

LPM at 1.4 BAR	LPM at 2.8 BAR	LPM at 4.1 BAR	LPM at 5.5 BAR	LPM at 6.9 BAR	LPM at 8.3 BAR	LPM at 9.7 BAR
549	492	405	329	261	170	61

1537, 154 – 5.5 HP Honda

US Standard

GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI
110	106	96	88	80	60	30

1537, 154 – 5.5 HP Honda

Metric

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 4.1 BAR	LPM at 4.8 BAR
416	401	363	333	303	227	114

1537-SP, 1540-SP – 5.5 HP Honda

US Standard

GPM at 10 PSI	GPM at 20 PSI	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI
98	87	73	60	44	21

1537-SP, 1540-SP – 5.5 HP Honda

Metric

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 4.1 BAR
371	329	276	227	167	79

1550-SP, 1550-BP – 9.0 HP Honda

US Standard

GPM at 10 PSI	GPM at 20 PSI	GPM at 40 PSI	GPM at 60 PSI	GPM at 80 PSI	GPM at 100 PSI	GPM at 120 PSI
145	141	118	93	71	49	28

1550-SP, 1550-BP – 9.0 HP Honda

Metric

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 4.1 BAR	LPM at 4.8 BAR
549	534	447	352	269	185	106

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D Series Diaphragm Transfer Pumps

Heavy-Duty, Positive Displacement Pump and Engine Units

Features & Benefits

- Powered by Honda® engine
- Oil-bath design and premium quality synthetic diaphragms provides longer life and greater reliability
- Oil-bath design also allows pump to be run dry
- Self-priming operation
- Corrosive, abrasive and general use chemical compatibility
- Visual oil-level sight glass
- HRGI models use a new gearbox design
- Supported with a one-year Hypro® warranty on pump
- Three-year warranty on Honda® engines



D252GRGI-120H

Order Information

Model Number	Max GPM	Max PSI	Max RPM	Control Unit & Gearbox	Engine Mfg.
D252GRGI-120H	5.9	290	3600	9910-KIT 1990	Honda GX120
D30HRGI-160H	9.6	580	3600	GS40GI & 8000-0056	Honda GX160



D30HRGI-160H

D252GRGI-120H

US Standard

GPM at 0 PSI	GPM at 72 PSI	GPM at 145 PSI	GPM at 217 PSI	GPM at 290 PSI
5.9	5.0	4.8	4.7	4.6

D252GRGI-120H

Metric

LPM at 0 BAR	LPM at 5 BAR	LPM at 10 BAR	LPM at 15 BAR	LPM at 20 BAR
22	19	18	18	17

D30HRGI-160H

US Standard

GPM at 0 PSI	GPM at 145 PSI	GPM at 290 PSI	GPM at 465 PSI	GPM at 580 PSI
9.6	9.3	8.8	8.6	8.3

D30HRGI-160H

Metric

LPM at 0 BAR	LPM at 10 BAR	LPM at 20 BAR	LPM at 30 BAR	LPM at 40 BAR
36	35	33	33	31

Accessories

Ball Valves

Hypro® ball valves work great in applications where a transfer pump is used.

- 2" single union ball valves available in 2-way full port or 3-way full port with bottom connection
- Reinforced polypropylene body provides strength and resistance in corrosive environments
- Easy lever movement decreases operator strain
- PTFE (Teflon) seals and stainless steel hardware for long lasting performance



Order Information

Model Number	Description
9951-2200N	2" NPT 2-way Single Union Ball Valve
9951-3200N	2" NPT 3-way Single Union Ball Valve

Additional sizes available. Reference catalog HYP01 for more information.

Universal Flanged Gaskets

The gasket wraparound feature provides positive alignment of the adjoining fittings and allows visual inspection to be conducted during assembly.

- Provides sealing areas between fitting faces and outside diameter of flanged surfaces which increases the maximum pressure the joint can manage without leaks
- Flow can be increased by as much as 16% as the new universal flanged gasket reduces protrusion into the joint



Order Information

Part #	Size	Gasket Type
UF60300E	3"	EPDM

Cam Lock Fittings

Hypro cam lock fittings allow for quick and easy hose attachment to the transfer pump for the ultimate in convenience.

- Stainless steel locking levers provide for maximum mechanical strength and corrosion resistance
- Interchangeable with other cam lock couplings made to MIL-C-27487 specifications
- Locking mechanism available to prevent accidental opening



Order Information

Size	Pump-End Fitting	Hose-End Fitting
2"	9950-200NF	9950-200C
3"	9950-300NF	9950-300C

Additional sizes available. Reference catalog HYP01 for more information.

Transfer Pump Cam LockKit

Hypro cam lock kits easily add heavy-duty male cam lock connections to the NPT ports of 2" and 3" polypropylene pumps.

- Includes one male cam lock adapter for pump inlet
- Includes one heavy-duty 90° elbow and one male cam lock adapter for the pump outlet
- Prepares transfer pumps for the most common means of quick coupling a hose
- Interchangeable with other camlock fittings made to MIL-C-27487 specifications



Order Information

Size	Model Number
2"	3410-0041
3"	3410-0042



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FORM 485 (11/11/13)
Printed in USA