

# Diaphragm, Roller Vane & Gear Pumps



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# Flojet Diaphragm Pumps

- Agricultural / horticultural sprayers
- Automotive systems
- Carpet extraction machines
- Carwash systems
- Chemical transfer/injection
- Dust suppression
- Food & beverage
- Pole window cleaning
- Portable water systems
- Street sweepers
- Pressures up to 10.3 Bar
- Flow rates up to 26.5 Lpm
- Can run dry without damage
- Variety of chemical resistant materials
- Self-priming

## Duplex II - Two Piston Demand Pump



- Flow rates from 4.2 to 7.6 Lpm
- Built-in pressure/demand switch
- Integrated back flow preventer
- Permanent magnet electric motors
- Polypropylene pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 2.4 metres
- 3/8" NPT female ports

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm
D3121B3011AR	12 DC	3.0	Buna	Buna	2.1 Bar	Internal	4.5
D3131H5011AR		7.0	EPDM	Santo	4.1 Bar	Internal	6.1
D3131V5011AR		7.0	Viton	Viton	4.1 Bar	Internal	6.1
D3134B5011AR		8.0	Buna	Buna	4.1 Bar	Internal	7.6
D3135E7011AR		9.0	EPDM	EPDM	6.9 Bar	Internal	7.6
D3135H7011AR		9.0	EPDM	Santo	6.9 Bar	Internal	7.6
D3135B7011AR		9.0	Buna	Buna	6.9 Bar	Internal	7.6
D3221B3011AR	24 DC	3.0	Buna	Buna	2.1 Bar	Internal	4.6
D3231H5011AR		4.0	EPDM	Santo	4.1 Bar	Internal	6.1
D3231V5011AR		4.0	Viton	Viton	4.1 Bar	Internal	6.1
D3235H7011AR		5.0	EPDM	Santo	6.9 Bar	Internal	7.6
D3235B7011AR	5.0	Buna	Buna	6.9 Bar	Internal	7.6	
D3631H5011AR	115 AC	0.6	EPDM	Santo	4.1 Bar	Internal	6.1
D37X012ARL	230 AC	0.4	EPDM	EPDM	6.5 Bar	Internal	4.2
D3722B3011ARL		0.3	Buna	Buna	2.1 Bar	Internal	4.5
D37X014AR		0.25	EPDM	Santo	4.1 Bar	Internal	6.0
D3732H5011ARL		0.4	EPDM	Santo	4.1 Bar	Internal	6.1
D3732V5011ARL		0.4	Viton	Viton	4.1 Bar	Internal	6.1
D3732B5011ARL		0.4	Buna	Buna	4.1 Bar	Internal	6.1
D3735H7011ARL		0.5	EPDM	Santo	6.9 Bar	Internal	7.6
D3735B7011ARL	0.5	Buna	Buna	6.9 Bar	Internal	7.6	

Dimensions: 201-219L x 102W x 92H mm

## Duplex II - Two Piston Bypass Pump



- Flow rates from 4.2 to 7.2 Lpm
- Unique internal bypass function
- Integrated back flow preventer
- Permanent magnet electric motors
- Polypropylene pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 2.4 metres
- 3/8" NPT female ports

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm
D3135H1411AR	12 DC	7.0	EPDM	Santo	n/a	4.8 Bar	7.2
D3131V1311AR		7.0	Viton	Viton	n/a	3.4 Bar	5.7
D3121B1211AR		3.0	Buna	Buna	n/a	2.1 Bar	4.2
D3135B1311AR		8.0	Buna	Buna	n/a	3.4 Bar	7.2
D3134H1311AR		8.0	EPDM	Santo	n/a	3.4 Bar	7.2
D3235H1411AR	24 DC	3.5	EPDM	Santo	n/a	4.8 Bar	7.2
D3231V1311AR		3.5	Viton	Viton	n/a	3.4 Bar	5.7
D3221B1211AR		2.0	Buna	Buna	n/a	2.1 Bar	4.2
D3621H1212AR	115 AC	0.5	EPDM	Santo	n/a	2.1 Bar	4.2
D3621B1311AR		0.5	Buna	Buna	n/a	3.4 Bar	4.2
D3722B1211ARL	230 AC	0.3	Buna	Buna	n/a	2.1 Bar	4.2
D3732H1311ARL		0.4	EPDM	Santo	n/a	3.4 Bar	5.7
D3732V1311ARL		0.4	Viton	Viton	n/a	3.4 Bar	5.7
D3735H1411ARL		0.4	EPDM	Santo	n/a	4.8 Bar	7.2

Dimensions: 183-196L x 102W x 92H mm

# Flojet Diaphragm Pumps

## Triplex Compact Series Three Piston Demand/Bypass Pump

- Flow rates up to 7.6 Lpm
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Reinforced polypropylene pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 2.4 metres



Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm	Ports
R3501136A	12 DC	8.0	Viton	Santoprene	4.1 Bar	Internal	7.6	3/8" NPT F
R3B01136A		7.0	Viton	Santoprene	No switch	3.4 Bar	7.6	3/8" NPT F
Dimensions: 227L x 101W x 93H mm								

## Triplex High Pressure Series Three Piston Demand Pump

- Switch pressure up to 10.3 Bar
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Glass filled nylon pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 2.4 metres



Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm	Ports
R3711143A	12 DC	9.0	Viton	Santoprene	6.9 Bar	Internal	5.3	3/8" NPT F
R3811143A		10.0	EPDM	Santoprene	10.3 Bar	Internal	5.3	3/8" NPT F
R3711243A	230 AC	0.55	EPDM	Santoprene	6.9 Bar	Internal	5.3	3/8" NPT F
R3811243A		0.5	EPDM	Santoprene	10.3 Bar	None	5.3	3/8" NPT F
Dimensions: 240L x 100W x 96H mm								

## Triplex High Flow Series Three Piston Demand Pump

- Flow rates up to 15.1 Lpm
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Polypropylene pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 2.4 metres



Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Bypass	Max Lpm	Ø barb
R3521134A	12 DC	11.0	Viton	Santoprene	3.4 Bar	Internal	11.0	1/2" barb
R3521139A		12.0	Viton	Santoprene	4.1 Bar	Internal	15.1	1/2" barb
R3521149A		12.04	EPDM	Santoprene	4.1 Bar	Internal	15.1	1/2" barb
Dimensions: 229L x 152W x 121H mm								

## 4000 Series Four Piston Demand Pump

- Flow rates up to 18.5 Lpm
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Polypropylene pump housing
- Maximum fluid temperature of 54°C
- Self-priming up to 2.4 metres



Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Max Lpm	Ø barb
R4300-500A	12 DC	10.0	Viton	Santoprene	3.1 Bar	14.0	1/2"
R4300-142A		9.0	EPDM	Santoprene	3.1 Bar	14.0	1/2"
R4100-143A		10.0	EPDM	Santoprene	No switch	18.5	3/4"
R4300-504A		13.0	Viton	Santoprene	3.1 Bar	18.5	3/4"
R4300-143A		13.0	EPDM	Santoprene	3.1 Bar	18.5	3/4"
R4105-343A*	24 DC	4.0	EPDM	Santoprene	No switch	12.5	1/2"
R4300-342A		5.0	EPDM	Santoprene	3.1 Bar	14.0	1/2"
R4300-501A	115 AC	1.5	Viton	Santoprene	3.1 Bar	14.4	1/2"
R4300-242A	230 AC	0.45	EPDM	Santoprene	2.1 Bar	12.1	1/2"
Dimensions: 235L x 89W x 95H mm							

\* R4105-343A - Thermally protected motor

Nominal Operating Pressure is 0.35 Bar below switch setting

# Flojet Diaphragm Pumps



## Pentaflex Series Five Piston Demand Pump

- Flow rates up to 26.5 Lpm
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Glass filled nylon pump housing
- Maximum fluid temperature of 60°C
- Self-priming up to 1.8 metres

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Max Lpm	Ø barb
R7300142A	12 DC	28.0	EPDM	Santoprene	5.5 Bar	26.5	3/4" barb
R7300342A	24 DC	15.0	EPDM	Santoprene	5.5 Bar	26.5	3/4" barb

Dimensions: 251L x 132W x 159H mm



## LF Series 2 Piston Demand Pump - Fitted with on/off switch

- Flow rates up to 3.8 Lpm
- Operating press up to 1.7 Bar
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Polypropylene pump housing
- Maximum fluid temperature of 43°C
- 3/8" barb plug-in ports
- Self-priming up to 0.76 metres

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Max Bar	Max Lpm
RLF112201D	12 DC	4.0	Viton	Santoprene	2.4 Bar	1.7	3.8

Fitted with on/off switch, finned motor & fuse



## LF Series 2 Piston Demand Pump

- Flow rates up to 3.8 Lpm
- Operating press up to 1.7 Bar
- Built-in pressure/demand switch
- Permanent magnet electric motors
- Polypropylene pump housing
- Maximum fluid temperature of 43°C
- 3/8" barb plug-in ports
- Self-priming up to 0.76 metres

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Max Bar	Max Lpm
RLF122201D	12 DC	4.0	Viton	Santoprene	2.4 Bar	1.7	3.8
RLF122202D		4.0	EPDM	Santoprene	2.4 Bar	1.7	3.8
RLF122002D		4.0	EPDM	Santoprene	No switch	1.7	3.8
RLF222201D	24 DC	2.0	Viton	Santoprene	2.4 Bar	1.7	3.8

Fitted with internal thermal protector.



## 4000 Series - Four Piston Demand Pump - with Induction Motor

- Flow rates up to 18 Lpm
- Operating press up to 2.5 Bar
- 2 pole induction motor
- Built-in pressure/demand switch
- Polypropylene pump housing
- Maximum fluid temperature of 54°C
- 1/2" 90° barb plug-in ports
- Self-priming up to 2.4 metres

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting	Max Bar	Max Lpm
R4300-530A	230 AC	2.0	EPDM	Santoprene	2.8 Bar	2.5	18



## 2800 Series Booster System

- Flow rates up to 17 Lpm
- Operating pressures up to 2.8 Bar
- Permanent magnet motors
- Polypropylene pump housing

Part No.	Voltage	Amps	Check Valve	Diaphragm	Switch Setting Bar	Max Bar	Max Lpm
R2840-100A	12 DC	12.6	EPDM	Santoprene	3.1	2.8	17.0

2840 = 3/4" Ø barb inlet & 1/2" Ø barb outlet connections



# Flojet Diaphragm Pumps

## G57 Series Air Operated Pump

- Flow rates up to 18.9 Lpm
- Operating press up to 6.9 Bar
- Automatic on demand supply
- Polypropylene pump housing
- Maximum fluid temperature of 49°C
- Operates with air or CO2

Part No.	Drive	Check Valve & Diaphragm	Max Air Bar	Max Bar	Max Lpm	Air Ports	Fluid Ports
G573205A	Air / CO2	Viton	6.9	6.9	18.9	1/4" barb	3/8" barb
G573215A	Air / CO2	Viton	6.9	6.9	18.9	1/4" barb	1/2" barb
G573225A	Air / CO2	Viton	6.9	6.9	18.9	1/4" barb	3/4" barb
G575005A	Air / CO2	Santoprene	6.9	6.9	18.9	None	None
G575205A	Air / CO2	Santoprene	6.9	6.9	18.9	1/4" barb	3/8" barb
G57C202A	Air / CO2	Kalrez®	6.9	6.9	18.9	1/4" barb	3/8" barb
G70C202A*	Air / CO2	Kalrez®	6.9	6.9	18.9	1/4" barb	3/8" barb

Requires air consumption of .021 - .061 M<sup>3</sup>/min



\*ATEX Approved

## 5100 Series Air Operated Pump

- Flow rates up to 9.5 Lpm
- Operating press up to 5.5 Bar
- Automatic on demand supply
- Operates with air or CO2
- Acetal copolymer pump housing
- Maximum fluid temperature of 49°C
- Air inlet & outlet 1/4" barb
- Fluid inlet & outlet 3/8" barb

Part No.	Drive	Check Valve & Diaphragm	Max Air Bar	Max Bar	Max Lpm
5100-010	Air / CO2	Buna	5.5	4.8	7.6
N5100-020	Air / CO2	Viton	5.5	5.5	9.5
N5100-040	Air / CO2	Santoprene	5.5	5.5	9.5
5100-050	Air / CO2	Geolast	5.5	4.8	7.6

Requires air consumption of .013 - .022 M<sup>3</sup>/min



## 1740 Series Inline Filters

- Max pressure 5 Bar
- Max free flow 26 Lpm
- Stainless steel screens
- Polypropylene base
- Polycarbonate cover
- Buna-N FDA o-rings

Part No.	Inlet	Pump Fitting	Screen	Configuration
1740-000	3/4" Barb	3/4" Barb	40 mesh	Inline
1740-002	1/2" Barb	1/2" Barb	40 mesh	Inline
1740-003	3/8" Barb	3/8" Barb	40 mesh	Inline
1740-004	1/2" Quest	1/2" Quest	40 mesh	Inline
1740-010	3/4" Barb	Quad Port	40 mesh	90°
1740-012	1/2" Barb	Quad Port	40 mesh	90°
1740-014	1/2" Quest	Quad Port	40 mesh	90°
1740-023	3/8" NPTM	3/8" Barb	40 mesh	90°

For use on inlet of pump only



## Port Fittings - For 4000 & G5700 Series Pumps - 2 Fittings Per Kit

Part No.	Fitting Description	Configuration
20381-000	Quad x 1/2" Quest	Inline
20381-002	Quad x 1/2" Barb	Inline
20381-006	Quad x 3/4" Barb	Inline
20381-007	Quad x GHT	Inline
20381-008	Quad x 1/2" Quest	90 degree
20381-009	Quad x 1/2" Barb	90 degree
20381-010	Quad x 3/4" Barb	90 degree

Manufactured in polypropylene - fitted with EPDM o-rings



# Comet Diaphragm Pumps

## Typical applications:

- Agricultural crop sprayers
- Horticultural spraying equipment
- Industrial spraying & cleaning
- Land drain & sewer jetting

## General technical details:

- Pressures from 15 to 70 Bar
- Flow rates from 7.8 to 304 Lpm
- Stainless steel valve seats
- Self-priming from dry
- Oil bath crankcase lubrication
- Can run dry without damage
- Nitrile diaphragms as standard
- Corrosion resistant wetted parts



## MC Series - Pressures to 15 Bar - Flows to 11.9 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6126000100	MC8	For 71 frame 4 pole motor with B14 C face.	15	7.8	0.27	1450	1.6
6127000100	MC18	For 71 frame 4 pole motor with B14 C face.	15	11.9	0.52	1450	1.6
6127000400	MC18	For 4 stroke engine. No feet.	15	11.9	0.52	1450	1.6

- Nylon wetted parts & body
- 16mm barb inlet, 10mm barb outlet, 12mm barb bypass
- 2 membrane diaphragm pump with pressure regulator
- NBR as standard, Desmopan & Viton option available on request



## MC Series - Pressures to 15 Bar - Flows to 11.9 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6126010100	MC8 Viton	For 71 frame 4 pole motor with B14 C face.	15	7.8	0.27	1450	1.6
6127010100	MC18 Viton	For 71 frame 4 pole motor with B14 C face.	15	11.9	0.52	1450	1.6

- Polypropylene/Viton wetted parts & body
- 16mm barb inlet, 10mm barb outlet, 12mm barb bypass
- 2 membrane diaphragm pump with pressure regulator



## MC Series - Pressures to 25 Bar - Flows to 23 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6084000200	MC20/20	Fitted with pressure regulator. No feet.	20	23	1.2	650	4.7
6084003200	MC25	Fitted with pressure regulator. No feet.	25	23	1.5	650	4.7
5011016200	Coupling kit for mounting pump to Honda GX120K1QX petrol engine or any 3/4" shaft engine						

- 2 membrane diaphragm pump with pressure accumulator
- Anodised aluminium wetted parts & body
- Fitted with HYDRA pressure regulator, 1 outlet
- 18mm barb inlet, 8mm barb outlet, 13mm bypass

## BP Series - Pressures to 15 Bar - Flows to 21.9 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6071000300	BP20/15	Single 1 3/8" 6 splined male shaft. With feet.	15	21.9	0.83	550	7.2
6071000500	BP20/15	Single 30mm male shaft. With feet.	15	21.9	0.83	550	7.2

- 2 membrane diaphragm pump with pressure accumulator
- Anodised aluminium wetted parts & body
- 23mm barb inlet, female Comet port Adaptor outlet



Pressure Regulator & Guard supplied separately

# Comet Diaphragm Pumps

## BP Series - Pressures to 15 Bar - Flows to 43.3 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6088100200	BP40K	1 3/8" female quick coupling with torque arm and chain	15	43.3	1.8	550	9.8
6088100300	BP40K	Single 30mm male shaft. With feet.	15	43.3	1.8	550	9.8

- 2 membrane diaphragm pump with pressure accumulator
- Anodised aluminium wetted parts & body
- 26mm barb inlet, female Comet port Adaptor outlet

**Guard supplied separately**



## BP Series - Pressures to 20 Bar - Flows to 65 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6101100100	BP60K	Single 1 3/8" 6 splined male shaft. With feet.	20	65	3.3	550	9.8
6101100200	BP60K	Single 30mm male shaft. With feet.	20	65	3.3	550	9.8

- 2 membrane diaphragm pump with pressure accumulator
- Plastic coated aluminium wetted parts & aluminium body
- NBR diaphragm, desmopan & viton available on request
- 26mm barb inlet, female Comet port Adaptor outlet

**Guard supplied separately**



## BP Series - Pressures to 20 Bar - Flows to 121 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6102100100	BP105K	Single 1 3/8" 6 splined male shaft. With feet.	20	107	5.5	550	12.9
6102100200	BP105K	Single 30mm male shaft. With feet.	20	107	5.5	550	12.9
6100000100	BP125K	Single 1 3/8" 6 splined male shaft. With feet.	20	121	6.8	550	13
6100000200	BP125K	30mm single male shaft. With feet.	20	121	6.8	550	13

- 3 membrane diaphragm pump with pressure accumulator
- Plastic coated aluminium wetted parts & aluminium body
- NBR diaphragm, desmopan & viton available on request
- BP125K, 40mm 90° barb inlet, 20mm 90° barb outlet
- BP105K, 35mm 90° barb inlet, 20mm 90° barb outlet

**Guard supplied separately**



## BP Series - Pressures to 20 Bar - Flows to 168 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6103100100	BP151K	1 3/8" male splined x 30mm through-shaft. With feet.	20	142	7.8	550	24
6109000100	BP171K	1 3/8" 6 splined male x 30mm male through-shaft. With feet.	20	168	9.6	550	24

- 4 membrane diaphragm pump with pressure accumulator
- Plastic coated aluminium wetted parts & aluminium body
- 40mm 90° barb inlet, 25mm 90° barb outlet

**Guard supplied separately**





# Comet Diaphragm Pumps



Guard supplied separately

## BP Series - Pressures to 20 Bar - Flows to 265 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6104100100	BP205K	1 3/8" 6 splined male x 30mm male through-shaft. With feet	20	197	10.2	550	32
6105003300	BP235K	1 3/8" 6 splined male x 30mm male through-shaft. With feet.	20	226	11.7	550	32
6111000100	BP280K	1 3/8" 6 splined male x 30mm male through-shaft. With feet.	20	265	13.3	550	35

- 6 Membrane diaphragm pump in NBR, Desmopan & Viton available on request
- Plastic coated aluminium wetted parts & aluminium body
- BP205K/235K, 45mm barb inlet, 25mm barb outlet
- BP280K, 50mm barb inlet, 25mm barb outlet



Guard supplied separately

## BP Series - Pressures to 20 Bar - Flows to 302 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6099000100	BP265	1 3/8" 6 splined male x 30mm male through-shaft. With feet.	20	259	14.3	550	55
6098000100	BP305	1 3/8" 6 splined male x 30mm male through-shaft. With feet.	20	302	15.8	550	55

- 6 Membrane diaphragm pump in NBR, Desmopan & Viton available on request
- Plastic coated aluminium wetted parts & aluminium body
- BP265, 50mm 90° hose barb inlet, 35mm 90° hose barb outlet
- BP305, 60mm 90° hose barb inlet, 35mm 90° hose barb outlet



Pressure Regulator & Guard supplied separately

## MP Series - Pressures to 30 Bar - Flows to 32 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6056000200	MP20	6 hole flange for stub shaft. With feet.	30	22.4	1.6	550	6.6
6057000200	MP30	6 hole flange for stub shaft. With feet.	30	32	2.3	550	6.6

- 2 Membrane diaphragm pump with pressure accumulator
- Anodised aluminium wetted parts & body
- 23mm barb inlet, female Comet port Adaptor



## P48 Series - Pressures to 30 Bar - Flows to 64.2 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6006000100	P48	6 hole flange for stub shaft. Without feet.	30	64.2	4.1	550	12.5
6007000100	P48AP	6 hole flange with 25mm through-shaft. Without feet.	30	64.2	4.1	550	12.7

- 2 Membrane diaphragm pump with pressure accumulator
- Plastic coated aluminium wetted parts & aluminium body
- 26mm barb inlet, female Comet port Adaptor



Pressure Regulator & Guard supplied separately

## APS Series - Pressures to 40 Bar - Flow 41 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6114000100	APS41	6 hole flange with feet for stub shaft.	40	41	4.1	550	10

- Anodised aluminium wetted parts & body
- 3 membrane diaphragm pump
- 25mm 90° barb inlet, 1/2" M thread outlet



# Comet Diaphragm Pumps

## APS Series - Pressures to 40 Bar - Flow 53.9 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6090002000	APS51	1 3/8" M x 1 3/8" M 6 splined through-shaft. Fitted with feet.	40	53.9	5.2	550	16.4
6090002200	APS51	6 hole flange for stub shaft. With feet.	40	53.9	5.2	550	16.4

- 3 membrane diaphragm pump with safety valve
- Anodised aluminium wetted parts & body
- 35mm 90° barb inlet, 10mm barb delivery tap, 3/4" F thread outlet



## APS Series - Pressures to 50 Bar - Flow 71 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6092002000	APS71	1 3/8" M x 1 3/8" M 6 splined through-shaft. Fitted with feet.	50	71	9.1	550	18.4
6092002100	APS71	6 hole flange for stub shaft. With feet.	50	71	9.1	550	18.4

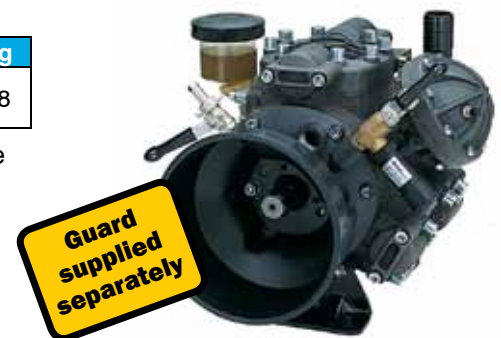
- 3 membrane diaphragm pump with pressure accumulator
- Anodised aluminium wetted parts & body
- 35mm 90° barb inlet, 10mm barb delivery tap, 3/4" F thread outlet



## APS Series - Pressures to 50 Bar - Flow 100 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6094001900	APS101	1 3/8" M x 1 3/8" M 6 splined through-shaft. Fitted with feet.	50	100	12.3	550	38

- 3 membrane diaphragm pump with pressure accumulator and safety valve
- Anodised aluminium wetted parts & body
- 40mm 90° barb inlet, 2 x 10mm barb delivery taps, 3/4" F thread outlet



## APS Series - Pressures to 50 Bar - Flows to 169 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6096000500	APS141	1 3/8" M x 1 3/8" M 6 splined through-shaft. Fitted with feet.	50	145	17.8	550	56
6097000600	APS166	1 3/8" M x 1 3/8" M 6 splined through-shaft. Fitted with feet.	50	169	20.5	550	56

- 5 membrane diaphragm pump with safety valve
- Anodised aluminium wetted parts & body
- 45mm 90° barb inlet, 2 x 10mm barb delivery taps, 3/4" F thread outlet



## CLA Series - Pressures to 70 Bar - Flow to 304 Lpm

Part No.	Series	Description	Bar	Lpm	HP	Rpm	Kg
6025000100	CLA3000	1 3/8" M x 1 3/8" M 6 splined through-shaft. Fitted with feet.	70	304	53	500	110

- Brass wetted parts & aluminium body
- 6 Membrane diaphragm pump with regulator and gauge
- 50mm 90° barb inlet, 32mm 90° barb bypass, 3/4" F thread outlet



# Comet Diaphragm Pumps

## Gearboxes for Engine Drive & Electric Motor Drive

Pump	Engine Gearbox	Engine Gearbox 2	Engine Gearbox 3	Motor Gearbox	Motor Gearbox 2
<b>MC18</b> 6127000400	<b>5011018300</b> Coupling Kit to 3/4" shaft engine	-	-	-	-
<b>MC20/20</b> 6084000200	<b>5011016200</b> Coupling kit to 3/4" shaft engine	-	-	-	-
<b>MC25</b> 6084003200	<b>5011016200</b> Coupling kit to 3/4" shaft engine	-	-	-	-
<b>BP60K</b> 6101101400*	<b>5005022600</b> 1:6.44 SAE J609 a 3/4", 3600 rpm	-	-	<b>5005022800</b> 1:5.09, 100 Frame, 2800 rpm	-
<b>BP105K</b> 6102100200	<b>5005022600</b> 1:6.44 SAE J609 a 3/4", 3600 rpm	<b>5005022700</b> 1:6.44 SAE J609 a 1", 3600 rpm	-	<b>5005022800</b> 1:5.09, 100 Frame, 2800 rpm	-
<b>BP125K</b> 6100000200	<b>5005022600</b> 1:6.44 SAE J609 a 3/4", 3600 rpm	<b>5005022700</b> 1:6.44 SAE J609 a 1", 3600 rpm	-	<b>5005022800</b> 1:5.09, 100 Frame, 2800 rpm	-
<b>MP20</b> 6056000200	<b>5005021600</b> 1:6.44 SAE J609 a 3/4", 3600 rpm	<b>5005023000</b> 1:6.44 1.5 Taper Shaft, 3600 rpm	-	<b>5005021900</b> 1:5.09, 90 Frame, 2800 rpm	-
<b>MP30</b> 6057000100*	<b>5005021600</b> 1:6.44 SAE J609 a 3/4", 3600 rpm	<b>5005023000</b> 1:6.44 1.5 Taper Shaft, 3600 rpm	-	<b>5005021900</b> 1:5.09, 90 Frame, 2800 rpm	<b>5005021700</b> 1:5.09, 100 Frame, 2800 rpm
<b>P48</b> 6006000100	<b>5005021600</b> 1:6.44 SAE J609 a 3/4", 3600 rpm	<b>5005022100</b> 1:6.44 SAE J609 a 1", 3600 rpm	<b>5005023000</b> 1:6.44 1.5 Taper Shaft, 3600 rpm	<b>5005021800</b> 1:5.09, 100-112 Frame, 2800 rpm	-
<b>APS41</b> 6114003300*	<b>5005021600</b> 1:6.44 SAE J609 a 3/4", 3600 rpm	<b>5005022100</b> 1:6.44 SAE J609 a 1", 3600 rpm	<b>5005023000</b> 1:6.44 1.5 Taper Shaft, 3600 rpm	<b>5005021700</b> 1:5.09, 100 Frame, 2800 rpm	-
<b>APS51</b> 6090000400*	<b>5005021600</b> 1:6.44 SAE J609 a 3/4", 3600 rpm	<b>5005022100</b> 1:6.44 SAE J609 a 1", 3600 rpm	<b>5005023000</b> 1:6.44 1.5 Taper Shaft, 3600 rpm	<b>5005021800</b> 1:5.09, 100-112 Frame, 2800 rpm	-
<b>APS71</b> 6092002100	<b>5005022100</b> 1:6.44 SAE J609 a 1", 3600 rpm	-	-	<b>5005021800</b> 1:5.09, 100-112 Frame, 2800 rpm	-

\*Special order pump

## Flanges for Hydraulic Drive

- Flange kits to mount Comet diaphragm pumps to hydraulic motors with SAE J744 Type A 2 Bolt Flange

Pump Model	Pump Shaft Type	Hydraulic Motor Flange Kit - SAE J744 Type A 2 Bolt Flange		
		For motor with 1" Parallel Shaft, 6.35mm drive key	For motor with 25mm Parallel Shaft, 8mm drive key	For motor with 32mm Parallel Shaft, 10mm drive key
MP20	6 hole solid shaft	-	<b>5011019500</b>	-
MP30		-	<b>5011019500</b>	-
P48		-	<b>5011019500</b>	-
APS41		-	<b>5011019500</b>	-
APS51		-	<b>5011019500</b>	-
APS71		<b>5011018200</b>	<b>5011019500</b>	-
BP60K	1"3/8 cardan shaft	<b>5011018700</b>	<b>5011018800</b>	-
BP105K		<b>5011018700</b>	<b>5011018800</b>	-
BP125K		<b>5011018700</b>	<b>5011018800</b>	-
BP151K		<b>5011019600</b>	<b>5011019700</b>	-
BP171K		<b>5011019600</b>	<b>5011019700</b>	-
BP205K		-	<b>5011019000</b>	<b>5011019800</b>
BP235K		-	<b>5011019000</b>	<b>5011019800</b>
BP280K		-	<b>5011019000</b>	<b>5011019800</b>
BP265		-	<b>5011019000</b>	<b>5011019800</b>
BP305		-	<b>5011019000</b>	<b>5011019800</b>

# Comet Diaphragm Pumps

## Optional Controlsets

Pump	Pressure Regulator - Direct Mount	PRESS REG 2 - Direct Mount	PRESS REG 3 - Direct Mount
BP20/15	1204045900 SIRIUS - 2 OUTLET	1204052300 SIRIUS - 3 OUTLET	-
BP40K	1204045900 SIRIUS - 2 OUTLET	1204052300 SIRIUS - 3 OUTLET	1204028900 GCP3V - 3 OUTLET
BP60K	1204019100 GCP3V - 3 OUTLET	-	-
MP20	1204046000 SIRIUS - 2 OUTLET	1204049000 SIRIUS - 3 OUTLET	-
MP30	1204046000 SIRIUS - 2 OUTLET	1204049000 SIRIUS - 3 OUTLET	-
P48	1204049500 SIRIUS - 2 OUTLET	1204019500 GCP3V - 3 OUTLET	-
P48AP	1204049500 SIRIUS - 2 OUTLET	1204019500 GCP3V - 3 OUTLET	-
APS41	1204045700 GEMINI - 2 OUTLET	-	-
APS51	1204020500 GCP3V - 3 OUTLET	-	-
APS71	1204057100 GCP3V - 3 OUTLET	1204031500 HPR - 3 OUTLET (50BAR)	-
APS101	1204057000 GCP3V - 3 OUTLET	1204031500 HPR - 3 OUTLET (50BAR)	-
APS141	1204031500 HPR - 3 OUTLET (50BAR)	-	-
APS166	1204031500 HPR - 3 OUTLET (50BAR)	-	-



Sirius controlset



GCP3V controlset



HPR controlset

## Optional Safety Valves

Pump	Safety Valve	Complete Safety Valve Kit for Direct Pump Mount
BP20/15	1219005200	2803053000
BP40K	1219005200	2803053000
BP60K	1219004200	2803035300
BP105K	1219004200	2803035200
BP125K	1219004200	2803035200
BP151K	1219004300	2803036400
BP171K	1219004300	2803036400
BP205K	1219004400	2803036500
BP235K	1219004400	2803036500
BP280K	1219004400	2803036500
BP265	1219004400	2803036500
BP305	1219004400	2803036500
MP20	1219004500	2803035100
MP30	1219004500	2803035100
P48	1219004500	2803035100
P48AP	1219004500	2803035100
APS41	1219004600	2803047800



Safety Valve

## Optional Pressure Accumulators

Pump	Pressure Accumulator
BP280K	1225002100
BP265	1225001900
BP305	1225001900
APS51	1225001400
APS141	1225002000
APS166	1225002000



Pressure Accumulator

# Comet Diaphragm Pumps

## Coupling Kits



Pump	1"3/8 Torque Arm & Coupling Kit
BP20/15	5002001700
BP40K	5002000800
BP60K	5002000800
BP105K	5002000800
BP125K	5002000800
MP20	5002000300
MP30	5002000300
P48	5002000300
P48AP	5002000300
APS41	5002000300
APS51	5002000300
APS71	5002000300

## PTO Guards



Pump	PTO Guard - Input Shaft	PTO Guard - Output Shaft
BP20/15	2416029700	-
BP40K	2416027200	-
BP60K	2416027200	-
BP105K	2416027200	-
BP125K	2416027200	-
BP151K	2416022600	
BP171K	2416022600	
BP205K	2416022600	2416020500
BP235K	2416022600	2416020500
BP280K	2416022600	2416020500
BP265	-	2416030300
BP305	-	2416030300
MP20	2416029700	-
MP30	2416029700	-
P48	2416029700	-
P48AP	2416029700	-
APS41	2416029700	-
APS51	2416027600	
APS71	2416027600	
APS101	-	2416027600
APS141	-	2416027600
APS166	-	2416027600

## Cardan Shaft Kits



Pump	Cardan Shaft Kit 1"3/8	Cardan Shaft Kit 30mm
MP20	5003000700	5003001400
MP30	5003000700	5003001400
P48	5003000300	5003000400
P48AP	5003000300	5003000400
APS41	5003000700	5003001400
APS51	5003000700	5003001400
APS71	5003000700	5003001400



## Slide on cover for 1 3/8" 6 Spline Shaft

**Part No.**  
2416010000

- Fits all pumps with 1 3/8" shafts
- Manufactured in plastic



# Motor Driven Diaphragm Pumps

## Electric Motor Driven - 240 & 415 Volts AC

- Flow rates up to 67.2 Lpm
- Motor protection to IP55
- Pressures up to 40 Bar
- Fitted with pressure regulators
- Base or foot mounted

### 230 Volts - 15 Bar - 6.9 Lpm

Part No.	Model
7300117700	MC8

- Max press 15 Bar
- Max flow 6.9 Lpm
- Regulator - 1 outlet
- By-pass 12mm Ø
- Inlet 16mm Ø
- Outlet 10mm Ø
- 0.6 Hp 4 pole, 71 frame Motor
- Nylon body
- Nitrile diaphragms



### 230 Volts - 15 Bar - 6.9 Lpm

Part No.	Model
7300118100	VITON MC8

- Max press 15 Bar
- Max flow 6.9 Lpm
- Regulator - 1 outlet
- By-pass 12mm Ø
- Inlet 16mm Ø
- Outlet 10mm Ø
- 0.6 Hp 4 pole, 71 frame Motor
- Polypropylene body
- Viton diaphragms



### 230 Volts - 15 Bar - 10.7 Lpm

Part No.	Model
7300118500	MC18

- Max press 15 Bar
- Max flow 10.7 Lpm
- Regulator - 1 outlet
- By-pass 12mm Ø
- Inlet 16mm Ø
- Outlet 10mm Ø
- 0.6 Hp 4 pole, 71 frame Motor
- Nylon body
- Nitrile diaphragms



### 230 Volts - 15 Bar - 10.7 Lpm

Part No.	Model
7300118900	VITON MC18

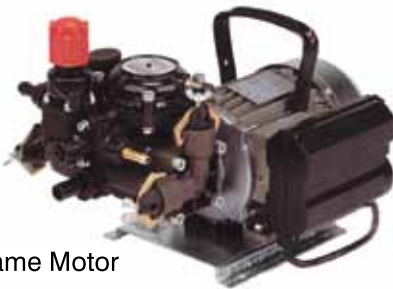
- Max press 15 Bar
- Max flow 10.7 Lpm
- Regulator - 1 outlet
- By-pass 12mm Ø
- Inlet 16mm Ø
- Outlet 10mm Ø
- 0.6 Hp 4 pole, 71 frame Motor
- Polypropylene body
- Viton diaphragms



### 230 Volts - 20 Bar - 18.5 Lpm

Part No.	Model
7300115400	MC20/20

- Max press 20 Bar
- Max flow 18.5 Lpm
- Regulator - 1 outlet
- By-pass 13mm Ø
- Inlet 18mm Ø
- Outlet 8mm Ø
- 1.25 Hp 2 pole, 80 frame Motor
- Aluminium body
- Nitrile diaphragms



### 240 Volts - 25 Bar - 15 Lpm

Part No.	Model
T12E	T12

- Max press 25 Bar
- Max flow 15 Lpm
- Regulator - 1 outlet
- By-pass 12.5mm Ø
- Inlet 16mm Ø
- Outlet 8mm Ø
- Pump model T12
- 1 Hp motor



### 230 Volts - 25 Bar - 18.5 Lpm

Part No.	Model
7300099300	MC25

- Max press 25 Bar
- Max flow 18.5 Lpm
- Regulator - 1 outlet
- By-pass 13mm Ø
- Inlet 18mm Ø
- Outlet 8mm Ø
- 1.5 Hp 2 pole, 80 frame Motor
- Aluminium body
- Nitrile diaphragms



# Motor Driven Diaphragm Pumps

## 230 Volts - 30 Bar - 19.5 Lpm



Part No.	Model
7300109800	MP20

- Max press 30 Bar
- Max flow 19.5 Lpm
- Regulator - 2 outlets
- By-pass 13mm Ø
- Inlet 23mm Ø
- Outlet 10mm Ø
- 2 Hp 2 pole, 90 frame Motor
- 1:5.09 gearbox
- Aluminium body
- Nitrile diaphragms

## 230 Volts - 30 Bar - 29.2 Lpm



Part No.	Model
7300110000	MP30

- Max press 30 Bar
- Max flow 29.2 Lpm
- Regulator - 2 outlets
- By-pass 13mm Ø
- Inlet 23mm Ø
- Outlet 10mm Ø
- 3 Hp 2 pole, 100 frame Motor
- 1:5.09 gearbox
- Aluminium body
- Nitrile diaphragms

## 415 Volts - 30 Bar - 51.7 Lpm



Part No.	Model
7300110200	P48

- Max press 30 Bar
- Max flow 51.7 Lpm
- Regulator - 3 outlets
- By-pass 23mm Ø
- Inlet 26mm Ø
- Outlet 10mm Ø
- 5.5 Hp 2 pole, 100 frame Motor
- 1:5.09 gearbox
- Aluminium body
- Nitrile diaphragms

## 415 Volts - 40 Bar - 38 Lpm



Part No.	Model
7300110700	APS41

- Max press 40 Bar
- Max flow 38 Lpm
- Regulator - 2 outlets
- By-pass 13mm Ø
- Inlet 26mm Ø
- Outlet 10mm Ø
- 4 Hp 2 pole, 100 frame Motor
- 1:5.09 gearbox
- Aluminium body
- Nitrile diaphragms

## 415 Volts - 40 Bar - 50.7 Lpm



Part No.	Model
7300110800	APS51

- Max press 40 Bar
- Max flow 50.7 Lpm
- Regulator - 2 outlets
- By-pass 23mm Ø
- Inlet 35mm Ø
- Outlet 2 x 10mm Ø
- 5.5 Hp 2 pole, 100 frame Motor
- Aluminium body
- Nitrile diaphragms

## 415 Volts - 40 Bar - 67.8 Lpm



Part No.	Model
7300111000	APS71

- Max press 40 Bar
- Max flow 67.8 Lpm
- Regulator - 2 outlets
- By-pass 23mm Ø
- Inlet 35mm Ø
- Outlet 2 x 10mm Ø
- 7.5 Hp 2 pole, 112 frame Motor
- Aluminium body
- Nitrile diaphragms

# Engine Driven Diaphragm Pumps

## Engine Driven

- Flow rates up to 64 Lpm
- Pressures up to 40 Bar
- Engines fitted with oil alert
- Honda petrol engines
- Fitted with pressure regulators
- Optional base or trolley available

### Petrol Engine - 15 Bar - 11 Lpm

Part No.	Model
EPU1115PH	MC18

- Max press 15 Bar
- Max flow 11 Lpm
- Honda GX120 engine
- By-pass 12mm Ø
- Regulator - 1 outlet
- Inlet 16mm Ø
- Outlet 10mm Ø
- Bypass 12mm Ø
- Nylon body, Nitrile diaphragms



### Petrol Engine - 20 Bar - 18.5 Lpm

Part No.	Model
EPU1820PH	MC20/20

- Max press 20 Bar
- Max flow 18.5 Lpm
- Honda GX120 engine
- By-pass 13mm Ø
- Regulator - 1 outlet
- Inlet 18mm Ø
- Outlet 10mm Ø
- Bypass 13mm Ø
- Aluminium body, Nitrile diaphragms



### Petrol Engine - 25 Bar - 18.5 Lpm

Part No.	Model
EPU1825PH	MC25

- Max press 25 Bar
- Max flow 18.5 Lpm
- Honda GX120 engine
- By-pass 13mm Ø
- Regulator - 1 outlet
- Inlet 18mm Ø
- Outlet 10mm
- Bypass 13mm Ø
- Aluminium body, Nitrile diaphragms



### Petrol Engine - 30 Bar - 19 Lpm

Part No.	Model
EPU1930PH	MP20

- Max press 30 Bar
- Max flow 19 Lpm
- Honda GX120 engine
- By-pass 13mm Ø
- Regulator - 2 outlets
- Inlet 23mm Ø
- Outlet 2 x 10mm Ø
- Bypass 19mm Ø
- Aluminium body, Nitrile diaphragms



### Petrol Engine - 30 Bar - 29 Lpm

Part No.	Model
EPU2930PH	MP30

- Max press 30 Bar
- Max flow 29 Lpm
- Honda GX120 engine
- By-pass 13mm Ø
- Regulator - 2 outlets
- Inlet 23mm Ø
- Outlet 2 x 10mm Ø
- Bypass 19mm Ø
- Aluminium body, Nitrile diaphragms



### Petrol Engine - 40 Bar - 41 Lpm

Part No.	Model
EPU4140PH	APS41

- Max press 40 Bar
- Max flow 41 Lpm
- Honda GX120 engine
- By-pass 13mm Ø
- Regulator - 2 outlets
- Inlet 26mm Ø
- Outlet 2 x 10mm Ø
- Bypass 19mm Ø
- Aluminium body, Nitrile diaphragms



### Petrol Engine - 30 Bar - 64 Lpm

Part No.	Model
EPU6430PH	P48

- Max press 30 Bar
- Max flow 64 Lpm
- Honda GX160 engine
- By-pass 23mm Ø
- Regulator - 3 outlets
- Inlet 26mm Ø
- Outlet 3 x 10mm Ø
- Bypass 23mm Ø
- Aluminium body, Nitrile diaphragms



Mobile Tank



Page 246

Trolleys/Frames



Page 257-258



# Hypro Roller Vane Pumps

- Agricultural crop sprayers
- Horticultural spraying equipment
- Industrial spraying & cleaning
- Pressures up to 20.7 Bar
- Flow rates up to 280 Lpm
- Choice of body materials
- Land drain & sewer jetting
- Self-priming operation
- Silvercast highly resistant to herbicide



## 4001 & 4101 Series - 27 to 34 Lpm - 10.3 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
4001C	34.4	10.3	1800	1.1	Cast iron	Viton	5/8" M	3/4" F
4001N	34.4	10.3	1800	1.1	Ni-resist	Viton	5/8" M	3/4" F
4101C	27.3	10.3	2600	1.1	Cast iron	Viton	5/8" M	3/4" F
4101N	27.3	10.3	2600	1.1	Ni-resist	Viton	5/8" M	3/4" F
4101XL	27.3	10.3	2600	1.1	Silvercast	Viton	5/8" M	3/4" F

- 4-roller pump with Super Rollers
- 60°C max fluid temperature



## 6500 Series - 82.5 Lpm - 20.7 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
6500C	82.5	20.7	1200	4.2	Cast iron	Viton	5/8" M	3/4" F
6500N	82.5	20.7	1200	4.2	Ni-resist	Viton	5/8" M	3/4" F
6500XL	82.5	20.7	1200	4.2	Silvercast	Viton	5/8" M	3/4" F

- 6-roller pump with Super Rollers
- 60°C max fluid temperature



## 7560 Series - 85 Lpm - 20.7 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
7560C	85	20.7	1200	6.1	Cast iron	Viton	15/16" M	3/4" F
7560N	85	20.7	1200	6.1	Ni-resist	Viton	15/16" M	3/4" F

- 8-roller pump with Super Rollers
- 60°C max fluid temperature



## 1700 Series - 170 Lpm - 13.8 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
1700C	170	13.8	1000	6.1	Cast iron	Viton	15/16" M	1" F
1700N	170	13.8	1000	6.1	Ni-resist	Viton	15/16" M	1" F
1700XL	170	13.8	1000	6.1	Silvercast	Viton	15/16" M	1" F

- 5-roller pump with Super Rollers
- 60°C max fluid temperature



## 1500 Series - 235 Lpm - 13.8 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
1502C	235	13.8	1000	7.1	Cast iron	Buna-N	15/16" M	1 1/2" F
1502N	235	13.8	1000	7.1	Ni-resist	Buna-N	15/16" M	1 1/2" F
1502XL	235	13.8	1000	7.1	Silvercast	Buna-N	15/16" M	1 1/2" F

- 6-roller pump with Super Rollers
- 60°C max fluid temperature



## 1200 Series - 280 Lpm - 10.3 Bar

Part No.	Max Lpm	Max Bar	Max Rpm	Max HP	Body & Rotor	Seals	Shaft	Ports
1200C	280	10.3	800	10	Cast iron	Buna-N	1" M	1 1/2" F

- 4-roller pump with Super Rollers
- 60°C max fluid temperature

### Roller Pump Options

- Teflon, Buna-N & Polypropylene rollers
- Buna-N shaft seals
- Reverse rotation pumps

Contact sales office for details



# Hypro Roller Vane Pumps

## Roller Pumps with PTO Quick Coupler/Adaptor

Part No.	Description
1200C-PTO	1200C supplied with 1320-0081 PTO adaptor
1502C-PTO	1502C supplied with 1321-0007 PTO quick coupler
6500C-PTO	6500C supplied with 1321-0012 PTO quick coupler
7560C-PTO	7560C supplied with 1321-0007 PTO quick coupler



## 12 Volt DC Electric Motor Powered Units

Part No.	Max Lpm	Max Bar	Volts	Amps	Body & Rotor	Seals	Ports
4001N-E2H	37.5	3.5	12 DC	36.2	Ni-resist	Viton	3/4" F
4101N-E2H	22.3	6.2	12 DC	34.2	Ni-resist	Viton	3/4" F
4101XL-E2H	22.3	6.2	12 DC	34.2	Silvercast	Viton	3/4" F



- 4-roller pump with Super Rollers
- 60°C max fluid temperature

## Hydraulic Powered 7560 Series Pump

Part No.	Max Lpm	Max Bar	Max RPM	Oil Lpm	Oil Bar	Body & Rotor	Seals	Ports
7560C-GM30A	76	20.7	1000	45	200	Cast Iron	Viton	3/4" F
7560N-GM30A	76	20.7	1000	45	200	Ni-resist	Viton	3/4" F



- 8-roller pump with Super Rollers
- 60°C max fluid temperature
- Sauer Danfoss motor with 7/8" - 14 UNF O-ring ports

## Engine & PTO Adaptors

Part No.	Drive Side i.d.	Pump Side i.d.	Material	RPM	Pump Series
1320-0015	3/4"	5/8"	Steel	As Pump	4000 - 6500
1320-0054	3/4"	15/16"	Die Cast	As Pump	1500 - 1700 - 7560 - 7700
1320-0033	1 3/8" (6 spline)	15/16"	Die Cast	540	1500 - 1700 - 7560 - 7700
1320-0076	1 3/8" (6 spline)	15/16"	Forged Steel	540	1500 - 1700 - 7560 - 7700
1320-0077	1 3/8" (6 spline)	5/8"	Forged Steel	540	6500
1320-0078	1 3/8" (21 spline)	15/16"	Forged Steel	1000	1500 - 1700 - 7560
1320-0079	1 3/8" (21 spline)	5/8"	Forged Steel	1000	4000 - 6500
1320-0081	1 3/8" (6 spline)	1"	Forged Steel	540	1200 - 5200

\*Refer to recommended pump RPM



## Quick Couplers

Part No.	Drive Side i.d.	Pump Side i.d.	Material	RPM	Pump Series
1321-0006	1 3/8" (6 spline)	5/8"	Die Cast	540	6500
1321-0007	1 3/8" (6 spline)	15/16"	Die Cast	540	1500 - 1700 - 7560 - 7700
1321-0008	1 3/8" (21 spline)	5/8"	Die Cast	1000	4000 - 6500
1321-0009	1 3/8" (21 spline)	15/16"	Die Cast	1000	1500 - 1700 - 7560
1321-0012	1 3/8" (multi-speed)	5/8"	Die Cast	540/1000	4000 - 6500
1321-0013	1 3/8" (multi-speed)	15/16"	Die Cast	540/1000	1500 - 1700 - 7560 - 7700



## Base Kits

Part No.	Description	Pump Series
3420-0003	Base mounting kit complete with bolts	7560
3420-0004	Base mounting kit complete with bolts	1500
3420-0010	Base mounting kit complete with bolts	1700
3420-0023	Base mounting kit complete with bolts	6500
3420-0024	For electric motors with 3 1/2" shaft centreline	4001 - 4101
3420-0025	For electric motors with 4 3/16" shaft centreline	4101



# Marco Gear Pumps

- Agricultural / horticultural sprayers
- Automotive systems
- Carwash systems
- Chemical transfer/injection
- Diesel & oil transfer
- Dust suppression
- Pole window cleaning
- Portable water systems
- Solar panel installations
- Street sweepers
- Pressures up to 7 Bar
- Flow rates up to 40 Lpm
- Electronic "brain" option
- Variety of chemical resistant materials
- Self-priming



## UP/P Series

- Nickel plated brass body
- Helicoidal PTFE gears
- AISI 303 stainless steel shaft
- Viton seals, BUNA o-rings
- 2 x brass port bars
- Quick fit motor brushes
- Supplied with in-line filter
- 40°C max fluid temperature

Part No.	Model	Volts DC	Max Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb	Dimensions L x W (mm)
164.104.12	UP9/P	12	6	4	12	1.5m	3/8" BSPF	13mm	187 x 166
164.402.12	UP10/P	12	11.5	7	18	3m	3/8" BSPF	13mm	210 x 174
164.302.12	UP12/P	12	11	2.5	40	4m	1/2" BSPF	16mm	212 x 174



## UP/E Series with Electronic Brain

- Nickel plated brass body
- Helicoidal PTFE gears
- AISI 303 stainless steel shaft
- Viton seals, buna o-rings
- 2 x brass port bars
- Quick fit motor brushes\*
- Supplied with in-line filter
- Automatic electronic brain

Part No.	Model	Volts DC	Max Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb	Dimensions L x W (mm)
164.642.15	UP9/E	12/24	6/3	3	12	1.5m	3/8" BSPF	13mm	224 x 187
164.404.15*	UP10/E	12/24	10/5	5	18	3m	3/8" BSPF	13mm	247 x 193
164.681.12*	UP12/E	12	19	3	40	3m	1/2" BSPF	16mm	250 x 213



## UPX/C Series

- AISI 316 stainless steel body
- Helicoidal PTFE gears
- AISI 316 stainless steel shaft
- Viton seals, viton o-rings
- 2 x AISI 316 stainless steel bars
- Supplied with in-line filter
- Suitable for some acid and alkaline fluids
- 40°C max fluid temperature

Part No.	Model	Volts DC	Max Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb	Dimensions L x W (mm)
164.041.12	UPX/C	12	6	2	14	1.5m	3/8" BSPF	13mm	163 x 166



## UPXC/AC Series

- AISI 316 stainless steel body
- Helicoidal PTFE gears
- AISI 316 stainless steel shaft
- Viton seals, viton o-rings
- 2 x AISI 316 stainless steel bars
- Supplied with in-line filter
- Suitable for some acid and alkaline fluids
- 40°C max fluid temperature

Part No.	Model	Volts	Max Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb	Dimensions L x W (mm)
164.043.1C	UPXC/AC	230	0.91	6	10	1.5m	3/8" BSPF	13mm	279 x 157



## UP12/OIL Series

- Nickel plated brass body
- Helicoidal bronze gears
- AISI 303 stainless steel shaft
- Buna seals, buna o-rings
- 2 x brass port bars
- Quick fit motor brushes
- 80°C max fluid temperature

Part No.	Model	Volts DC	Max Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb	Dimensions L x W (mm)
164.320.12	UP12/OIL	12	12	3	15	2m	1/2" BSPF	16mm	194 x 122

## UP6/AC/OIL/DIESEL Series

- Nickel plated brass body
- Helicoidal PTFE gears
- AISI 416/420 stainless steel shaft
- Viton seals, buna o-rings
- 2 x brass port barbs
- Supplied with in-line filter
- Suitable for oil & diesel
- 55°C max fluid temperature

Part No.	Model	Volts	Max Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb	Dimensions L x W (mm)
164.062.1C	UP6/AC	230	2.2	4	28	1.5m	1/2" BSPF	16mm	251 x 181



## Oil Transfer & Tank Kit

### OCK1 Oil Transfer Kit with UP3/Oil Gear Pump

Part No.	Model	Volts DC	Max Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb	Dimensions L x W (mm)
164.930.12	OCK1	12	6.5	2	5.5	1m	3/8" BSPF	13mm	136 x 99

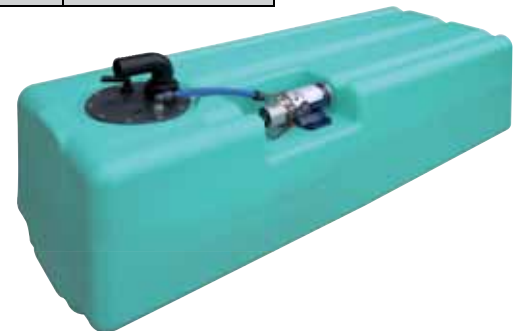
- Oil transfer kit with bronze gear pump
- Reversible flow, draws and fills oil
- Clips, fuse, hoses & accessories included
- 6 or 8mm od x 1.2m suction tubes
- 1.5m 13mm discharge hose
- 85°C max fluid temperature



### TK Series Tank Kit with UP2/E Gear Pump & Electronic Brain

Part No.	Model	Tank Capacity	Volts DC	Max Amps	Max Bar	Max Lpm	Max Suction	Ports	Hose Barb	Dimensions L x W x H (mm)
164.910.15	TK1/2	107 Litres	12/24	3.2	2	10	1m	3/8" BSPF	13mm	1050 x 290 x 390
164.911.15	TK2/2	67 Litres	12/24	3.2	2	10	1m	3/8" BSPF	13mm	650 x 290 x 390

- Nickel plated brass body
- Helicoidal PTFE gears
- AISI 303 stainless steel shaft
- Viton seals, buna o-rings
- Brass connectors
- Tank filler barb 38mm Ø
- 40°C max fluid temperature



## The Electronic Brain



- Constant control of pressure, current and voltage.
- Adapts motor speed to required flow rate
- No need for accumulator tank
- Reduced noise, current absorption and mechanical wear
- Protects against short circuits & overloads, no need for fuse
- Auto re-start function
- Pump functions monitored by LED
- Blue LED indicates empty tank

# Marco Gear Pumps

## M3 Portable Compressor



Part No.	Model	Volts DC	Fuse	Max Bar	Kg
135.100.12	M3	12	20 A	8	9
Dimensions 380L x 230W x 368H (mm)					

- 8 litre AISI 430 tank
- Air flow rate up to 47 Lpm
- 1/4" BSP ports
- 8mm push in adaptors
- With carry handle and gauge

## AT Series Accumulator Tanks



Part No.	Model	Capacity	Max Bar	Port	Dimensions L x W (mm)
165.082.10	AT1	2 Litre	10	1/2" BSPM	230 x 131
165.083.10	AT2	5 Litre	8	1/2" BSPM	312 x 156

- Metal tank with AISI 304 port
- Rubber membrane suitable for food stuffs
- Pre-charged to 1 bar

## IS Series In-line Filters



Part No.	Model	Ports	Hose Barb
165.000.10	IS14	3/8" BSP	13mm
165.001.10	IS16	1/2" BSP	16mm

- Clear nylon with AISI 304 mesh
- Snap-on bowl for easy cleaning