DIAPHRAGM PUMPS



COMET

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Our Other Brands

VALLEY INDUSTRIES	MASTER MFG	EVERFLO	MIST SPRAYERS
Fluid Components, Ag Parts & Pressure Washer Accessories	**Agricultural Sprayers & Components**	**12 Volt DC Diaphragm Pumps & Accessories**	**Agricultural Mist Sprayers**
www.valleyind.com	**www.master-mfg.com**	**www.everflopump.com**	**www.mistsprayers.com**

Catalog #: CO-CATALOG-2023

Comet Facilities



1 COMET NORTH AMERICA

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Toll Free: 800-708-1894
Fax: 952-707-1895
Email: cometpump@cometpump.com
Website: www.cometpump.com
Dealer Locator: www.cometpump.com/find-a-dealer

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International Customers

Comet has four main branches across the globe. Contact the office of your country, or contact the corporate headquarters, to find your local distributor.

Comet Timeline

For over 60 years, Comet has been a global trailblazer in the diaphragm and industrial plunger pump markets. Today, Comet products are offered to over 130 countries world-wide. With a strong distribution channel that extends to France, Mexico, and the United States; Comet is able to provide fast solutions and new concepts to the world of fluid transfer applications.

1959: The first Comet diaphragm pump developed (L20)

1975: 50,000 diaphragm pumps manufactured annually

1982: The first Comet piston pump developed (Saturno)

1983: The Cleaning Division was established with production of the first high-pressure cleaner (Turbodash)

1996: Comet North America branch opens (Minneapolis)

2001: Comet France branch opens (Strasbourg)

2005: Comet logo updated with modern times

2010: Acquisition of HPP (High Pressure Plunger Pumps)

2011: Acquisition of PTC (High Pressure Jetting Equipment)

2012: Acquisition of Valley Industries (Ag & Industrial Components)

2013: Comet Mexico branch opens (Jalisco)

2014: Acquisition of Lemasa (Water Jet Pumps)

2017: Acquisition of Lavor Wash (Cleaning Equipment)

The Comet Advantage

PERFORMANCE CAPABILITIES

Comet pumps and accessories can provide up to 550 HP, 128 GPM and 40,000 PSI.

CENTRALIZED LOCATION

Based in Paynesville, MN, easily get quick turn-around on your orders.

ROBUST PIPELINE

Comet offers more than 1,000 pumps and accessories for a wide range of industries and applications.

PROBLEM SOLVING MENTALITY

Every problem has a solution. With our history, quality, innovation and global affiliations; no problem is too big for us to tackle.

360° CUSTOMER SERVICE

From order placement to delivery on your doorstep, Comet has a knowledgeable customer service staff that provides more answers than questions.



BP Series Pumps

LOW-MAINTENANCE
Maximize durability and limit down-time with over-sized diaphragms and reduced piston strokes.

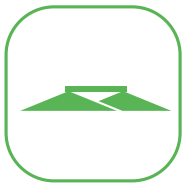
OUTSTANDING MATERIALS
Featuring plastic-coated aluminum heads, stainless steel polymer check valves, polymer manifolds, and diaphragms in NBR® and Desmopan®.

PERFORMANCE
With innovative fluids slots and spring loads, always get optimal flowrate, shut-off speed, and priming capacity.

MODULARITY
Modular flexibility that allows for multiple pumps to be coupled together for high flowrate or to tackle multi-purpose applications.

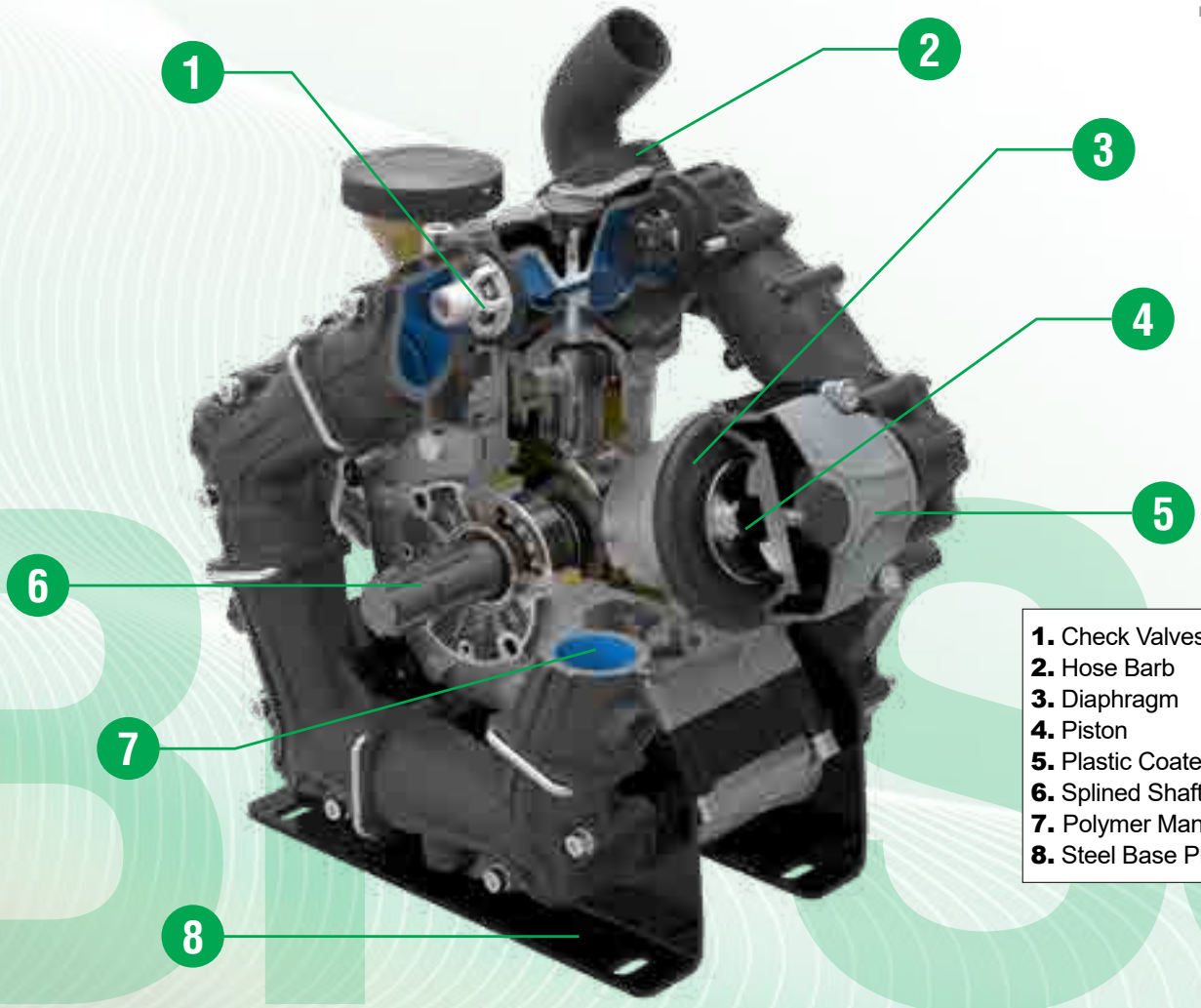
VERSATILITY
Pick the pump that fits your needs and budget. The BP series offers a wide range of flow option along with the ability to pick and choose the ideal connection setup.

POPULAR APPLICATIONS


Agricultural Spraying


Pest Control


Lawn Care



1. Check Valves
2. Hose Barb
3. Diaphragm
4. Piston
5. Plastic Coated Head
6. Splined Shaft
7. Polymer Manifold
8. Steel Base Plates

BP 60 K Series

SEMI-HYDRAULIC, 2 DIAPHRAGM PUMP

AP Plastic Coated Aluminum

20.3oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 44.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0191.00	GCP 3V Regulator
2416.0272.00	Shaft Protector
5026.0009.00	NBR® Rebuild Kit

	0 PSI		72 PSI		145 PSI		217 PSI		290 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	13.2	0.5	12.7	0.8	12.4	1.5	11.9	2	11.4	2.4
450	14.8	0.5	14.3	0.9	13.7	1.6	13.2	2.2	12.9	2.8
500	16.1	0.6	15.6	1	15.1	1.8	14.5	2.5	14.3	3.1
550	17.2	0.6	16.6	1.1	16.4	1.9	15.9	2.6	15.3	3.3

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet
6101.1002.00	BP 60 K	S	17.2	290	3.3	21.6	1"	3/4"
6101.1001.00	BP 60 K	SPL	17.2	290	3.3			

BP 60 K S

1" Solid Keyed Shaft



BP 60 K SPL

1 3/8" Splined PTO Shaft



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

BP 125 K Series

SEMI-HYDRAULIC, 3 DIAPHRAGM PUMP

550 RPM

AP Plastic Coated Aluminum

20.3oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 44.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0191.00	GCP 3V Regulator
5011.0187.00	Hydraulic Flange
2416.0272.00	Shaft Protector
5026.0326.00	Desmopan® Rebuild Kit

	0 PSI		72 PSI		145 PSI		217 PSI		290 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	24.0	1.0	23.8	1.6	23.2	2.9	23.0	4.0	22.7	5.0
450	26.9	1.2	26.4	1.9	26.2	3.2	25.9	4.4	25.6	5.4
500	29.6	1.6	29.1	2.3	28.8	3.7	28.5	4.8	28.3	6.1
550	32.0	2.0	31.7	2.7	31.4	4.1	31.2	5.5	30.9	6.8

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet
6100.0009.00	BP 125 K	SPL	32	290	6.8	28.6	1 1/2"	3/4"
6100.0002.00	BP 125 K	S	32	290	6.8	28.6		
6100.0035.00	BP 125 K	GR	32	290	6.8	34		
6100.0027.00.C	BP 125 K	HYD	32	290	6.8	32		

BP 125 K S
1" Solid Keyed Shaft



BP 125 K SPL
1 3/8" Splined PTO Shaft



BP 125 K GR
1" Hollow Shaft Gearbox



BP 125 K HYD
1" Hydraulic Drive



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

BP 171 Series

SEMI-HYDRAULIC, 4 DIAPHRAGM PUMP

RPM 550

AP Plastic Coated Aluminum

50.7oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 44.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0572.00	GRV 4V Regulator
2416.0306.00	Shaft Protector
5026.0145.00	Desmopan® Rebuild Kit

	0 PSI		72 PSI		145 PSI		217 PSI		290 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	32.3	1.3	31.7	2.6	31.5	4.1	31.3	5.2	31.1	6.7
450	36.4	1.5	35.7	2.9	35.5	4.6	35.2	6.1	35.0	7.6
500	40.3	1.8	39.6	3.5	39.4	5.2	39.1	6.8	38.8	8.6
550	44.4	2.0	43.6	4.1	43.3	5.9	43.1	7.8	42.8	9.6

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet
6109.0002.00	BP 171	SPL	44.4	290	10.2	52.9	1 1/2"	1"

BP 171 SPL

1 3/8" Male 6 Splined PTO Shaft (Both Sides)



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

BP 205/235 Series

SEMI-HYDRAULIC, 6 DIAPHRAGM PUMP

RPM 550

AP Plastic Coated Aluminum

77.8oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM
ON PAGE 44.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0572.00	GRV 4V Regulator
2416.0226.00	Shaft Protector
5026.0127.00	Desmopan® Rebuild Kit

	0 PSI		72 PSI		145 PSI		217 PSI		290 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	38	0.6	38	2.0	37	3.7	37	5.7	37	7.3
450	43	0.8	42	2.3	42	4.4	42	6.5	42	8.2
500	47	1.2	47	2.8	47	4.9	47	7.3	46	9.2
550	52	1.5	52	3.2	51	5.7	51	8.2	51	10.2

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet
6104.1002.00	BP 205	SPL	51	290	10.2	70.5	1 3/4"	1"
6105.0016.00	BP 235	SPL	59	290	10.2			

BP 205/235
1 3/8" 6 Splined PTO Shaft (Both Sides)



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

MC, MP & P Series Pumps

OUTSTANDING MATERIALS

Featuring plastic-coated aluminum heads, stainless steel polymer check valves, polymer manifolds, and diaphragms in NBR® and Desmopan®.

PERFORMANCE

With innovative fluids slots and spring loads, always get optimal flowrate, shut-off speed, and priming capacity.

EXTREME CHEMICAL RESISTANCE

Get unrivaled durability with the combination of materials that give long-lasting performance with even the toughest chemical applications.

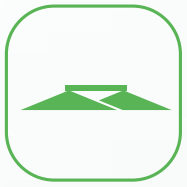
VERSATILITY

Pick the pump that fits your needs and budget. The MC, MP & P diaphragm pumps offer a wide range of flow option along with the ability to pick and choose the ideal connection setup.

POPULAR APPLICATIONS



Carpet Cleaning



Agricultural Spraying



Lawn Care



Industrial Applications



MC 25 Series

SEMI-HYDRAULIC, 2 DIAPHRAGM PUMP

650 RPM

AA Anodized Aluminum

13.5oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 45.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0674.00	Hydra Regulator
5001.0069.00	Pulley Kit
5033.0044.00	PTO Adapter
5026.0116.00	NBR® Rebuild Kit
5026.0116.00.DS	Desmopan® Rebuild Kit

	0 PSI		72 PSI		145 PSI		217 PSI		290 PSI		362 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	3.6	0.12	3.0	0.18	3.0	0.36	2.9	0.54	2.9	0.71	2.9	0.89
500	4.3	0.15	3.8	0.23	3.7	0.46	3.7	0.68	3.6	0.89	3.6	1.11
600	5.3	0.18	4.6	0.28	4.5	0.55	4.5	0.82	4.4	1.08	4.4	1.35
650	6.1	0.20	5.2	0.32	5.0	0.62	5.0	0.91	4.9	1.20	4.9	1.50

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6084.0030.00	MC 25	34	18.5	362	1.5	10.4	3/4"	3/8"	1/2"
6084.0080.00	MC 25	GR	18.5	362	1.5	12			
6084.0033.00.P	MC 25	P	18.5	362	1.5	12.6			

MC 25-34
3/4" Solid Keyed Shaft



MC 25 GR
3/4" Hydraulic Drive
Adjustable Regulator



MC 25 P
10" 2A Groove Pulley
Adjustable Regulator



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

MP 20/30 Series

SEMI-HYDRAULIC, 2 DIAPHRAGM PUMP

AA Anodized Aluminum

16.9oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 45.

		0 PSI		145 PSI		290 PSI		435 PSI	
	RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP
MP 20	400	4.4	0.1	3.8	0.4	3.7	0.8	3.7	1.1
	450	4.8	0.2	4.3	0.5	4.2	0.9	4.2	1.3
	500	5.3	0.2	4.8	0.6	4.7	1.0	4.7	1.4
	550	5.9	0.2	5.3	0.6	5.2	1.1	5.2	1.6
MP 30	400	6.2	0.2	5.7	0.7	5.6	1.2	5.6	1.7
	450	6.9	0.3	6.4	0.8	6.3	1.4	6.3	1.9
	500	7.7	0.3	7.1	0.8	7.0	1.5	7.0	2.1
	550	8.5	0.3	7.8	0.9	7.7	1.7	7.7	2.3

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0560.00	Sirius Regulator
5005.0216.00	Gearbox
2416.0297.00	Shaft Protector
5026.0080.00	NBR® Rebuild Kit

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6056.0002.00	MP 20		5.2	435	1.6	14.6	7/8"	5/8"	
6056.0002.00.GR	MP 20	GR	5.2	435	1.6	21			
6056.0010.00.C	MP 20	P	5.2	435	1.6	18			3/4"
6056.0002.01	MP 20	HYD	5.2	435	1.6	18			
6057.0002.00	MP 30		7.7	435	2.3	14.6			
6057.0015.00	MP 30	GR	7.7	435	2.3	21			
6057.0002.00.C	MP 30	P	7.7	435	2.3	18			3/4"
6057.0002.01	MP 30	HYD	7.7	435	2.3	18			

MP 20
6 Hole Flange



MP 30
6 Hole Flange

MP 20 GR
3/4" Hollow Shaft Gearbox



MP 30 GR
3/4" Hollow Shaft Gearbox

MP 20 P
10" 2A Groove Pulley
Adjustable Regulator



MP 30 P
10" 2A Groove Pulley
Adjustable Regulator

MP 20 HYD
1" Hydraulic Drive



MP 30 HYD
1" Hydraulic Drive

WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

P 48 Series

SEMI-HYDRAULIC, 2 DIAPHRAGM PUMP

550 RPM

PC Plastic Coated Aluminum

23.7oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 45.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.01955.00	GCP 3V Regulator
5005.0216.00	Gearbox
2416.0297.00	ShaftProtector
5026.0075.00	NBR® Rebuild Kit

	0 PSI		145 PSI		290 PSI		435 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	10.5	0.4	9.4	1.1	9.1	2.0	8.9	2.7
450	12.8	0.4	11.0	1.3	10.8	2.3	10.6	3.2
500	15.3	0.5	12.6	1.5	12.4	2.7	12.2	3.7
550	17.0	0.6	14.0	1.7	13.8	3.0	13.7	4.1

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6006.0001.00	P48		13.7	435	4.1	28	1"	5/8"	5/8"
6007.0001.00	P48	AP	13.7	435	4.1	28	1"	5/8"	5/8"
6006.0001.00.GRGI	P48	GR	13.7	435	4.1	34	1"	3/8"	3/4"
6006.0027.01	P48	P	13.7	435	4.1	32	1"	3/8"	3/4"

P 48
6 Hole Flange



P 48 AP
6 Hole Flange
1" Solid Keyed Shaft



P 48 GR
3/4" Hollwo Shaft
Gearbox



P 48 P
10" 2A Groove Pulley
Adjustable Regulator



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

APS Series Pumps

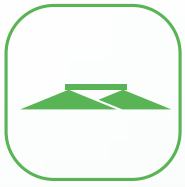
LOW-MAINTENANCE
Maximize durability and limit down-time with over-sized bearings, forge-reinforced shafts and holding brackets.

GROUND-BREAKING TECHNOLOGY
Featuring the perfect bore-stroke ratio that keeps operating noise to a minimum while providing a superb priming capacity.

COMPACT DESIGN
Quick installation even on the tightest quarters with a compact footprint.

VERSATILITY
Pick the pump that fits your needs and budget. The APS series offers a wide range of flow option along with the ability to pick and choose the ideal connection setup.

POPULAR APPLICATIONS


Agricultural Spraying


Pest Control


Lawn Care



1. Oversized Bearings
2. Forge-Reinforced Shafts
3. Oversized Holding Brackets

APS 41 Series

SEMI-HYDRAULIC, 3 DIAPHRAGM PUMP

RPM 550

AA Anodized Aluminum

16.9oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 45.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0564.00	Gemini Regulator
1204.0575.00	GCP 2V Regulator
2416.0297.00	Shaft Protector
5026.0245.00	NBR® Repair Kit
5026.0327.00	Desmopan® Repair Kit

	0 PSI		290 PSI		435 PSI		580 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	7.9	0.3	7.7	1.6	7.5	2.3	7.3	2.9
450	8.9	0.3	8.6	1.7	8.4	2.6	8.2	3.3
500	9.8	0.4	9.6	1.9	9.4	2.8	9.1	3.7
550	10.8	0.4	10.6	2.1	10.3	3.1	10.0	4.1

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6114.0026.00	APS 41		10	580	4.1	22	1"	1/2" BSP-F	
6114.0002.00	APS 41	AP	10	580	4.1	22			
6114.0009.00.GR	APS 41	GR	10	580	4.1	28			3/4"
6114.0026.00.HYD	APS 41	HYD	10	580	4.1	25			3/4"

APS 41
6 Hole Flange



APS 41 AP
6 Hole Flange
3/4" Solid Cone Shaft



APS 41 GR
3/4" Solid Shaft Gearbox
Adjustable Regulator



APS 41 HYD
1" Hydraulic Drive



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

APS 51 Series

SEMI-HYRDAULIC, 3 DIAPHRAGM PUMP

RPM 550

AA Anodized Aluminum

40.6oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 46.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0680.00	GCP 3V Regulator (350 PSI)
1204.0678.00	GCP 3V Regulator (580 PSI)
5011.0182.00	Hydraulic Flange
2416.0238.00	Shaft Protector
5026.0084.00	NBR® Rebuild Kit
5026.0084.00.DS	Desmopan® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	10.4	0.4	10.2	2.2	10.1	3.1	9.6	3.8
450	11.7	0.5	11.5	2.5	11.4	3.4	10.9	4.2
500	12.9	0.5	12.6	2.7	12.4	3.8	12.2	4.8
550	14.2	0.6	13.8	3.0	13.7	4.2	13.4	5.2

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6090.0044.00	APS 51		13.4	580	5.2	36	1 3/8"	3/8" (x1) 3/4" BSP-F (x1)	
6090.0053.00	APS 51	MF	13.4	580	5.2	36			
6090.0054.00.GR34	APS 51	GR5	13.4	580	5.2	43			7/8"
6090.0044.00.GR8	APS 51	GR8	13.4	580	5.2	44			7/8"

APS 51
6 Hole Flange



APS 51 MF
6 Hole Flange
1 3/8" Male 6 Splined Shaft



APS 51 GR5
3/4" Hollow Shaft Gearbox
Adjustable Regulator



APS 51 GR8
1" Hollow Shaft Gearbox
Adjustable Regulator



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

APS 71 Series

SEMI-HYDRAULIC, 3 DIAPHRAGM PUMP

AA Anodized Aluminum

40.6oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 46.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0680.00	GCP 3V Regulator (350 PSI)
1204.0678.00	GCP 3V Regulator (580 PSI)
5011.0182.00	Hydraulic Flange
2416.0238.00	Shaft Protector
5026.0085.00	NBR® Rebuild Kit
5026.0331.00	Desmopan® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	14.0	0.5	13.7	2.9	13.4	4.0	13.3	5.2	13.2	6.5
450	15.6	0.6	15.3	3.3	15.0	4.6	14.9	5.9	14.7	7.3
500	17.2	0.8	16.8	3.7	16.5	5.2	16.3	6.7	16.2	8.3
550	18.8	0.9	18.4	4.1	18.1	5.7	17.9	7.3	17.8	9.1

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6092.0021.00	APS 71		17.8	725	9.1	40	1 3/8"	3/8" (x1) 3/4" BSP-F (x1)	
6092.0019.00	APS 71	MF	17.8	725	9.1	40			
6092.0020.00	APS 71	MM	17.8	725	9.1	40			
6092.0021.00.GR5	APS 71	GR5	17.8	725	9.1	48			7/8"
6092.0049.00.GR8	APS 71	GR8	17.8	725	9.1	49			7/8"

APS 71
6 Hole Flange



APS 71 MF
1 3/8" 6 Splined PTO Shaft (Both Sides)



APS 71 MM
1 3/8" 6 Splined PTO Shaft (Both Sides)



APS 71 GR5
3/4" Hollow Shaft Gearbox Adjustable Regulator



APS 71 GR8
1" Hollow Shaft Gearbox Adjustable Regulator

WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

APS 96 Series

SEMI-HYDRAULIC, 4 DIAPHRAGM PUMP

RPM 550

AA Anodized Aluminum

43.9oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 46.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0815.00	VR 40 Regulator (580 PSI)
1204.0571.00	GCP 3V Regulator (725 PSI)
2416.0238.00	Shaft Protector
5026.0087.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	19.5	0.7	18.0	3.7	17.7	5.3	17.4	6.8	17.2	8.5
450	21.9	1.0	20.3	4.3	19.8	6.0	19.5	7.7	19.3	9.5
500	23.5	1.2	22.5	4.8	21.9	6.8	21.4	8.7	21.1	10.6
550	24.8	1.5	24.0	5.3	23.8	7.5	23.5	9.5	23.2	11.7

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6093.0040.00	APS 96		23.2	725	11.7	50	1 1/2"	3/8" (x1) 3/4" BSP-F (x1)	
6093.0013.00	APS 96	MF	23.2	725	11.7	50			
6093.0012.00	APS 96	MM	23.2	725	11.7	50			
6093.0040.00.GR	APS 96	GR	23.2	725	11.7	50			1"

APS 96
6 Hole Flange



APS 96 MF
1 3/8" 6 Splined PTO Shaft (Both Sides)



APS 96 MM
1 3/8" 6 Splined PTO Shaft (Both Sides)



APS 96 GR8
1" Hollow Shaft Gearbox Adjustable Regulator



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

APS 101 Series

SEMI-HYDRAULIC, 3 DIAPHRAGM PUMP

RPM 550

AA Anodized Aluminum

60.9oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 46.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.1801.00	ALFA 2 Regulator
1204.0575.00	HPR 2 Regulator
2416.0276.00	Shaft Protector
5026.0089.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	19.2	0.8	18.6	4.1	18.4	5.9	18.5	7.4	18.4	9.0
450	21.6	0.9	21.0	4.7	21.1	6.6	20.7	8.4	20.9	10.1
500	24.0	1.0	23.3	5.1	22.9	7.1	22.3	9.2	22.8	11.2
550	26.4	1.1	25.6	5.6	25.1	7.9	24.8	10.0	24.8	12.3

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet
6094.0025.00	APS 101	MM	24.8	725	12.3	84	1 1/2"	3/8" (x3) 3/4" BSP-F (x1)

APS 101 MM

1 3/8" 6 Splined PTO Shaft (Both Sides)



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

APS 121 Series

SEMI-HYDRAULIC, 3 DIAPHRAGM PUMP

AA Anodized Aluminum

60.9oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 47.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.1801.00	ALFA 2 Regulator
1215.0287.00	VRS Regulator
2416.0276.00	Shaft Protector
5026.0089.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	23.0	0.9	22.5	4.8	22.2	6.8	22.2	8.6	22.2	10.6
450	25.9	1.0	25.4	5.4	25.1	7.6	24.8	9.7	24.8	11.9
500	28.8	1.1	28.0	6.0	27.7	8.5	27.7	10.8	27.7	13.2
550	31.7	1.2	30.9	6.6	30.6	9.3	30.4	11.9	30.4	14.5

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet
6095.0019.00	APS 121	MM	30.4	725	14.5	84	1 1/2"	3/8" (x3) 3/4" BSP-F (x1)
6095.0014.00.SP	APS 121	P	30.4	725	14.5	88		

APS 121 MM

1 3/8" 6 Splined PTO Shaft (Both Sides)



APS 121 P

1 3/8" Male 6 Splined Shaft
14" 3A Groove Pulley



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

APS 141 Series

SEMI-HYDRAULIC, 5 DIAPHRAGM PUMP

RPM 550

AA Anodized Aluminum

101.4oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 47.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.1801.00	ALFA 2 Regulator
1215.0287.00	VRS Regulator
2416.0307.00	Shaft Protector
5026.0091.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	28.8	1.1	28.0	6.0	27.5	8.3	27.2	10.6	26.9	12.9
450	32.2	1.3	31.2	6.7	30.9	9.4	30.6	12.0	30.4	14.5
500	34.9	1.4	34.1	7.3	34.1	10.3	33.8	13.2	33.8	16.2
550	38.3	1.5	37.5	8.1	37.5	11.4	37.2	14.6	37.2	17.8

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet
6096.0005.00	APS 141	MM	37.2	725	17.8	123.5	1 3/4"	3/8" (x3) 3/4" BSP-F (x1)

APS 141 MM

1 3/8" 6 Splined PTO Shaft (Both Sides)



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

APS 145 Series

SEMI-HYDRAULIC, 4 DIAPHRAGM PUMP

AA Anodized Aluminum

77.8oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 47.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.1801.00	ALFA 2 Regulator
1215.0287.00	VRS Regulator
2416.0307.00	Shaft Protector
5026.0080.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	29.6	1.1	28.8	6.7	28.5	8.7	28.2	11.0	27.9	13.4
450	33.0	1.3	32.3	6.9	32.0	9.7	31.8	12.4	31.5	15.0
500	36.5	1.4	35.7	7.6	35.4	10.8	35.1	13.7	34.8	16.6
550	39.2	1.5	38.4	8.2	38.1	11.6	37.7	14.7	37.5	18.0

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6108.0004.00	APS 145 MM		37.5	725	18	101	1 3/4"	3/8" (x2) 3/4" BSP-M (x1)	1"

APS 145 MM

1 3/8" 6 Splined PTO Shaft (Both Sides)
Adjustable Regulator



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

APS 166 Series

SEMI-HYDRAULIC, 5 DIAPHRAGM PUMP

550 RPM

AA Anodized Aluminum

101.4oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 47.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.1801.00	ALFA 2 Regulator
1215.0287.00	VRS Regulator
2416.0307.00	Shaft Protector
5026.0180.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	33.3	1.3	32.5	7.0	32.0	9.7	32.0	12.5	31.7	15.1
450	37.5	1.5	36.7	7.9	36.2	11.0	35.9	14.0	35.7	17.0
500	40.7	1.6	39.9	8.6	39.6	12.0	39.6	15.5	39.1	18.7
550	44.6	1.8	43.9	9.4	43.3	13.1	43.1	16.8	43.1	20.5

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet
6097.0006.00	APS 166	MM	43.1	725	20.5	123.5	1 3/4"	3/8" (x2) 3/4" BSP-F (x1)

APS 166 MM

1 3/8" 6 Splined PTO Shaft (Both Sides)



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

IDS Series Pumps

UNRIVALED DURABILITY
Maximize durability with over-sized bearings, pistons and shafts to handle the heaviest requirements of a power transmission, torque, axial thrust, and misalignments.

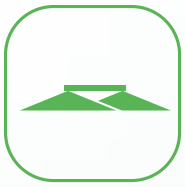
EASY MAINTENANCE
Minimize down-time with outer manifolds that make valves immediately available for quick repairs or troubleshooting.

EXTREME CHEMICAL RESISTANCE
Get unrivaled durability with brass-made wet parts that give long-lasting performance with even the toughest chemical applications.

GROUND-BREAKING TECHNOLOGY
Featuring the perfect bore-stroke ratio that keeps operating noise to a minimum while greatly reducing diaphragm stress.

VERSATILITY
Pick the pump that fits your needs and budget. The APS series offers a wide range of flow option along with the ability to pick and choose the ideal connection setup.

POPULAR APPLICATIONS



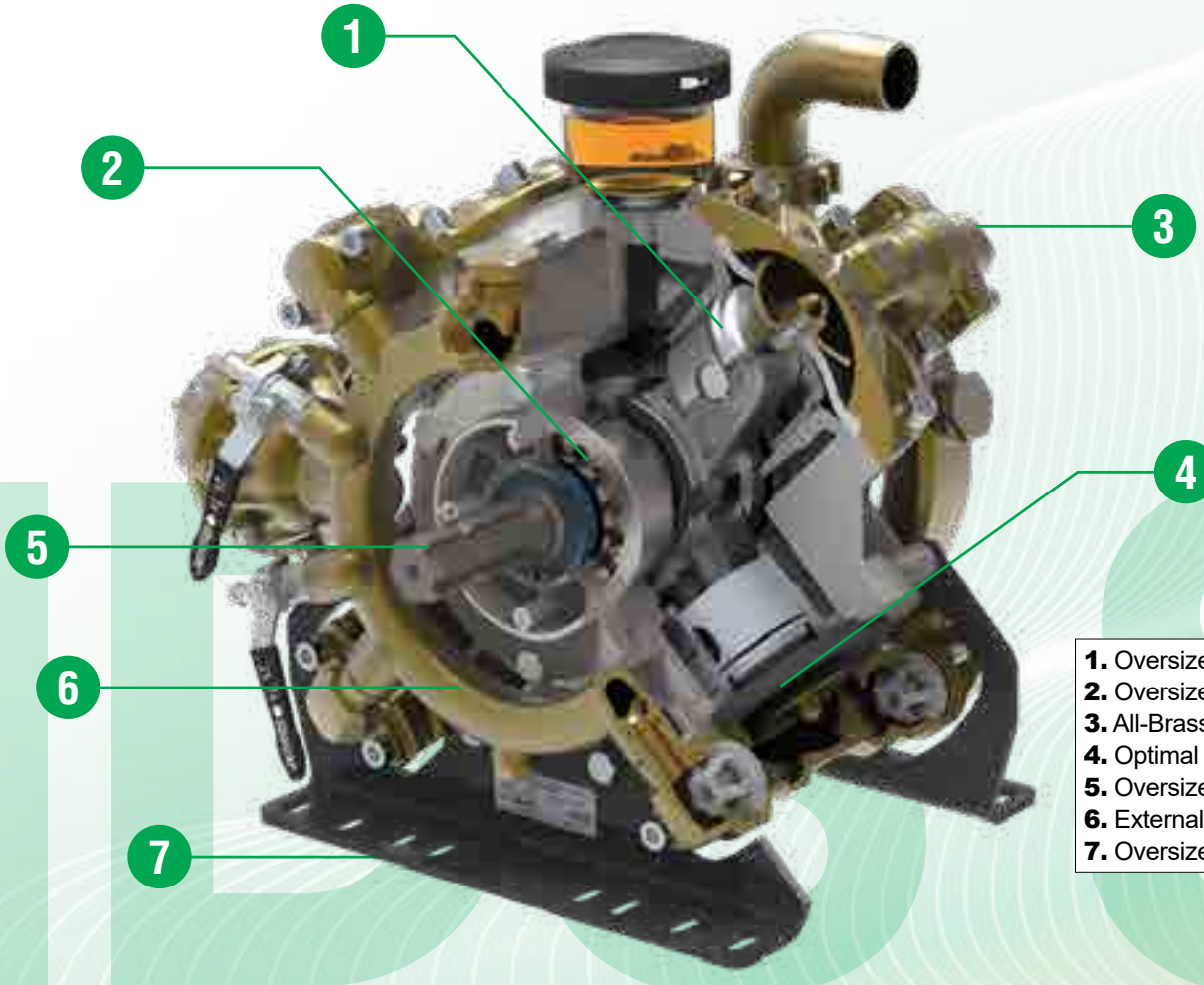
Agricultural Spraying



Pest Control



Lawn Care



1. Oversized Pistons
2. Oversized Bearings
3. All-Brass Wet Parts
4. Optimal Bore-Stroke Ratio
5. Oversized Shaft
6. External Manifold Valves
7. Oversized Holding Brackets

IDS 960 Series

SEMI-HYDRAULIC, 4 DIAPHRAGM PUMP

RPM 550

37.2oz OIL CAPACITY (30w Non-Detergent)

B Brass



PUMP DIAGRAM
ON PAGE 48.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.1801.00	ALFA 2 Regulator
1215.0287.00	VRS Regulator
2416.0308.00	Shaft Protector
5026.0346.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	19.2	0.7	18.8	3.6	18.6	5.3	18.6	6.8	18.4	8.3
450	21.6	0.8	21.1	4.1	20.9	5.9	20.7	7.9	20.7	9.3
500	23.7	1.1	23.5	4.7	23.2	6.7	23.0	8.8	22.7	10.7
550	24.7	1.8	24.7	4.9	24.5	7.1	24.5	9.2	24.5	11.5

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet
6125.0002.00	IDS 960	MM	24.5	725	11.5	67	1 1/2"	3/8" (x2) 3/4" BSP-F (x1)
6125.0002.00.C	IDS 960	P	24.5	725	11.5	71		

IDS 960 MM

1 3/8" 6 Splined PTO Shaft (Both Sides)



IDS 960 P

12" 3B Groove Pulley



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

IDS 1000 Series

SEMI-HYDRAULIC, 3 DIAPHRAGM PUMP

RPM 550

87.9oz OIL CAPACITY (30w Non-Detergent)

B Brass



PUMP DIAGRAM ON PAGE 48.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.1801.00	ALFA 2 Regulator
1215.0287.00	VRS Regulator
2416.0226.00	Shaft Protector
5026.0092.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	20.3	0.8	19.3	4.1	19.0	5.8	18.8	7.3	18.5	8.8
450	22.7	0.9	21.9	4.7	21.7	6.6	21.7	8.5	21.4	10.2
500	25.1	1.0	24.6	5.3	24.3	7.4	24.0	9.4	24.0	11.5
550	26.7	1.1	26.4	5.7	26.2	7.9	26.2	10.2	26.2	12.5

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6028.0054.00	IDS 1000	MM	26.2	725	12.5	93	1 3/8"	3/8" (x3) 3/4" BSP-F (x1)	1"

IDS 1000 MM

1 3/8" 6 Splined PTO Shaft (Both Sides)



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

IDS 1401 Series

SEMI-HYDRAULIC, 3 DIAPHRAGM PUMP

RPM 550

74.4oz OIL CAPACITY (30w Non-Detergent)

B Brass



PUMP DIAGRAM ON PAGE 48.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.1801.00	ALFA 2 Regulator
1215.0287.00	VRS Regulator
2416.0306.00	Shaft Protector
5026.0397.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	28.0	1.1	27.2	5.2	26.9	7.6	26.9	9.8	26.7	12.1
450	31.4	1.2	30.6	6.0	30.4	8.6	30.1	11.4	30.1	13.6
500	34.6	1.6	34.1	6.8	33.8	9.8	33.5	12.8	33.0	15.6
550	36.2	2.6	35.9	7.2	35.7	10.3	35.7	13.5	35.7	16.6

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6118.0008.00	IDS 1401	MM	35.7	725	16.6	99	1 1/2"	3/8" (x3) 3/4" BSP-F (x1)	1"

IDS 1401 MM

1 3/8" 6 Splined PTO Shaft (Both Sides)
Adjustable Regulator



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

RPM 550

IDS 2001 Series

SEMI-HYDRAULIC, 3 DIAPHRAGM PUMP

87.9oz OIL CAPACITY (30w Non-Detergent)

B Brass



PUMP DIAGRAM ON PAGE 48.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.1801.00	ALFA 2 Regulator
1215.0287.00	VRS Regulator
2416.0306.00	Shaft Protector
5026.0297.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	37.2	2.3	36.5	6.9	36.2	10.1	35.9	13.1	35.7	16.3
450	41.7	2.4	41.2	8.0	40.7	11.6	40.2	14.7	40.2	18.4
500	46.2	3.0	45.7	8.8	45.2	12.8	44.6	16.6	44.1	20.1
550	48.9	3.3	48.6	9.9	48.3	14.0	48.1	18.4	48.1	22.4

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6120.0007.00	IDS 2001	MM	48.1	725	22.4	132	1 1/2"	3/8" (x3) 3/4" BSP-F (x1)	1"

IDS 2001 MM

1 3/8" 6 Splined PTO Shaft (Both Sides)



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

RPM 550

IDS 2200/2600 Series

SEMI-HYDRAULIC, 6 DIAPHRAGM PUMP

145.4oz OIL CAPACITY (30w Non-Detergent)

B Brass



PUMP DIAGRAM
ON PAGE 49.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.1801.00	ALFA 2 Regulator
1215.0287.00	VRS Regulator
2416.0306.00	Shaft Protector
5026.0097.00	NBR® Rebuild Kit

	0 PSI		290 PSI		435 PSI		580 PSI		725 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	45.2	1.8	43.9	9.4	43.6	13.2	42.8	16.7	41.7	19.9
450	50.5	2.0	48.9	10.5	48.6	14.7	48.3	18.9	47.3	22.6
500	54.4	2.1	53.1	11.4	52.6	15.9	52.6	20.5	52.0	24.9
550	57.1	2.2	55.5	11.9	54.9	16.7	54.9	21.5	54.9	26.2

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6113.0001.00	IDS 2001	MM	54.9	725	26.2	168	1 3/8"	3/8" (x3) 3/4" BSP-F (x1)	1"
6112.0001.00	IDS 2006	MM	65.9	725	32.1	168	1 1/2"		

IDS 2200 MM

1 3/8" 6 Splined PTO
Shaft (Both Sides)
Adjustable Regulator

IDS 2600 MM

1 3/8" 6 Splined PTO
Shaft (Both Sides)
Adjustable Regulator



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

Polypropylene Pumps

OUTSTANDING MATERIALS
Featuring plastic-coated aluminum heads, stainless steel polymer check valves, polymer manifolds, and diaphragms in NBR® and Desmopan®.

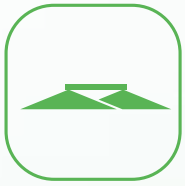
PERFORMANCE
With innovative fluids slots and spring loads, always get optimal flowrate, shut-off speed, and priming capacity.

EXTREME CHEMICAL RESISTANCE
Get unrivaled durability with the combination of materials that give long-lasting performance with even the toughest chemical applications.

VERSATILITY
Pick the pump that fits your needs and budget. These polypropylene diaphragm pumps offer a wide range of flow option along with the ability to pick and choose the ideal connection setup.

POPULAR APPLICATIONS


Soft Wash


Agricultural Spraying


Pest Control


Lawn Care



MC 18 Series

SEMI-HYDRAULIC, 2 DIAPHRAGM PUMP

PP Polypropylene

3.4oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 49.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
5026.0319.00	NBR® Rebuild Kit
5026.0337.00	Desmopan® Rebuild Kit

	Motor	Pump	0 PSI		72 PSI		145 PSI		217 PSI	
Type	RPM	RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP
4-stroke	3600	1100	2.39	0.10	2.34	0.17	2.22	0.30	2.14	0.40
2-stroke	1450	1450	3.15	0.13	3.08	0.23	2.92	0.38	2.82	0.52
MEC71	1450									
Nema 56C	1750	1750	3.10	0.13	2.99	0.23	2.88	0.38	2.77	0.52

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6127.0013.00	MC 18	E	3.15	217	0.52	3.5	5/8"	3/8"	1/2"
6127.0012.00	MC 18	GR	3.15	217	0.52	4			

MC 18 GR

3/4" Hollow Shaft Gearbox
Adjustable Regulator



MC 18 E

5/8" Solid Keyed Shaft
Adjustable Regulator



WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

P 40 Series

SEMI-HYDRAULIC, 4 DIAPHRAGM PUMP

RPM 550

PP Polypropylene

30.4oz OIL CAPACITY (30w Non-Detergent)



PUMP DIAGRAM ON PAGE 49.

ACCESSORIES & REBUILD KITS

Part #	Description
8102.1801.00	Comet Pump Oil
1204.0685.00	VR 10 Regulator
5001.0073.00	Pulley Kit
5026.0325.00.BN	NBR® Rebuild Kit
5026.0324.00	Desmopan® Rebuild Kit
5026.0325.00	Viton® Rebuild Kit

	0 PSI		72 PSI		145 PSI		217 PSI		290 PSI	
RPM	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
400	8.4	0.09	8.2	0.6	8.1	0.8	7.9	1.1	7.8	1.5
450	9.5	0.10	9.4	0.6	9.2	1.0	8.9	1.3	8.7	1.6
500	10.6	0.11	10.4	0.7	10.2	1.2	10	1.5	9.8	2.1
550	11.5	0.12	11.4	0.8	11.2	1.3	10.8	1.7	11	2.3

AVAILABLE MODELS

Part #	Model	Version	GPM	PSI	HP	LBS	Inlet	Outlet	Bypass
6158.0100.00	P 40	34	11	300	2.3	30.2	1"	3/4"	1/2"
6158.0003.00	P 40	GR	11	300	2.3	37			

P 40 34

3/4" Solid Keyed Shaft



P 40 GR

3/4" Solid Shaft Gearbox
Adjustable Regulator

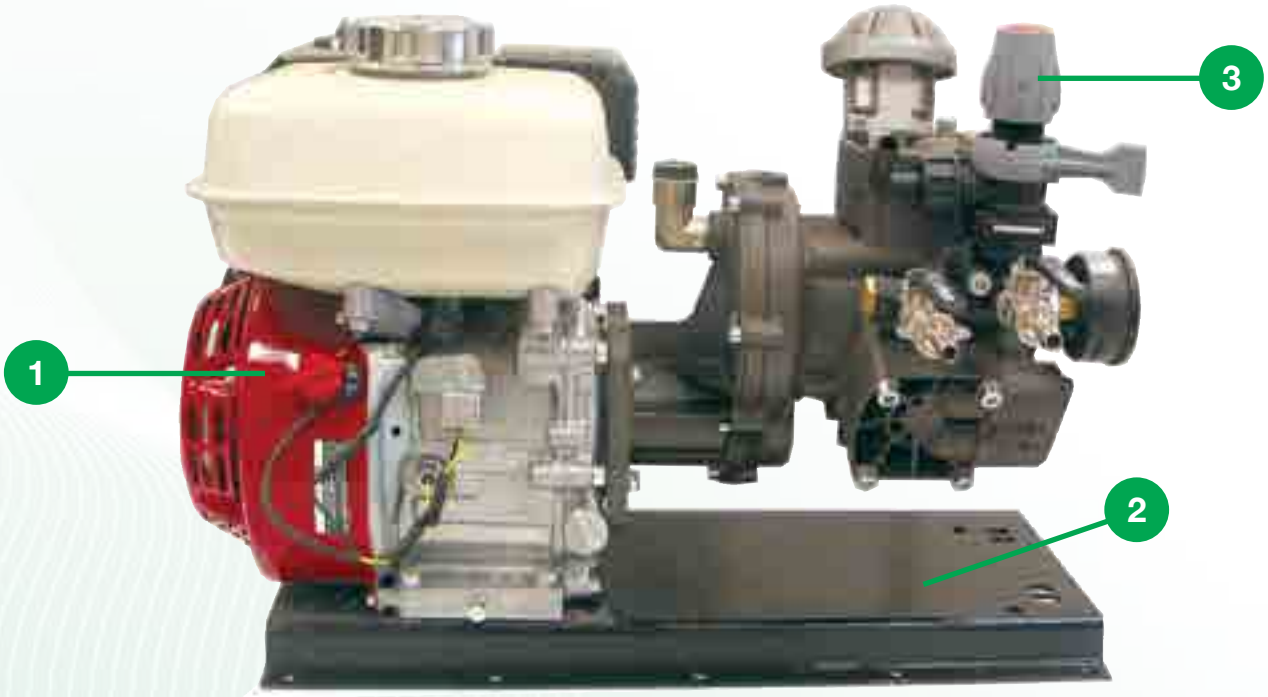


WARRANTY 1 YEAR* WARRANTY

* On Manufacturing Defects

Motor Pumps

Comet Pumps has extensive experience in designing and manufacturing complete gasoline & electric engine systems to meet the most challenging application demands. From initial design to delivery, Comet Pumps will produce agricultural and industrial pump engine based system to meet your application needs.



POPULAR ACCESSORIES FOR COMET MOTOR PUMP SYSTEMS

1. Gas or Electric Engine
2. Regulator
3. Base Plate

MC25-C



Part #	Model	Version	Motor	GPM	PSI	RPM
MC25-C	MC25	GR	Briggs & Stratton 127cc	5	350	650

PA-6511-BP



Part #	Model	Version	Motor	GPM	PSI	RPM
PA-6511-BP	APS 41	GR	Honda GX 6.5 HP	11	580	550

P40-GR-CBP



Part #	Model	Version	Motor	GPM	PSI	RPM
P40-GR-CBP	P 40	GR	Honda GX 6.5 HP	11.5	290	550

P40-GR-CBPE



Part #	Model	Version	Motor	GPM	PSI	RPM
P40-GR-CBPE	P 40	GR	Honda GX 6.5 HP (Electric Start)	11.5	290	550

6130.0001.00.C



Part #	Model	Version	Motor	GPM	Amps
6130.0001.00.C	P 33	T	Heavy-Duty Gear Motor 1.6HP	7	12

Comet Accessories

Comet Pumps offers an expansive range of high performing quality accessories for use with our world-renowned pumps. Each accessory undergoes rigorous testing to ensure that they keep your pump operating smoothly.



Acces

REGULATOR - VR 10



Compatible Pumps	
P 36	P 40

Low Pressure Regulator

- Polypropylene and AISI 316-L stainless steel construction
- Shut off pressure lever
- Constant pressure regulation valve

Part #	Model	GPM	PSI	LBs	Inlet	Bypass
1204.0685.00	VR 10	13.2	145	0.66	Quick Connect	1/2" HB

REGULATOR - Hydra



Compatible Pumps
MC 25

Low Pressure Regulator

- Shut off pressure lever
- Constant pressure regulation valve
- One or two outlets

Part #	Model	GPM	PSI	LBs	Inlet	Outlet	Bypass
1204.0674.00	Hydra	13.2	290	2	1/2" BSP - M	5/16"	1/2"

REGULATOR - VR 20/40



Compatible Pumps (VR 20)
BP 60

Compatible Pumps (VR 40)	
APS 51	APS 71
APS 96	

Low-Medium Pressure Regulator

- Shut off pressure lever
- Constant pressure regulation valve
- Manometer

Part #	Model	GPM	PSI	LBs	Inlet	Bypass
1204.0333.00	VR 20	26.4	290	2.12	3/4" BSP - F	1"
1204.0815.00	VR 40		580			

REGULATOR - Sirius



Compatible Pumps	
MP 20/30	P 48
APS 51	

Low-Medium-High Pressure Regulator

- Shut off pressure lever
- Constant pressure regulation valve
- Two or three outlets

Part #	Model	Left-Hand Valves	Right-Hand Valves	GPM	PSI	LBs	Inlet	Outlet	Bypass
1204.0676.00	SIRIUS	1	1	13.2	580	2	Quick Connect	3/8"	3/4"
1204.0459.00		1	1						
1204.0561.00		0	2						
1204.0560.00		2	2						

FOR REGULATOR DIAGRAMS SEE PAGE 50.

REGULATOR - Polaris

Low-Medium-High Pressure Regulator

- Shut off pressure lever
- Constant pressure regulation valve
- Two or three outlets

Part #	Model	Left-Hand Valves	Right-Hand Valves	GPM	PSI	LBs	Inlet	Outlet	Bypass
1204.0466.00	POLARIS	1	1	13.2	580	2.6	1/2" BSP - M	3/8"	3/4"



Compatible Pumps	
MP 20/30	P 48
APS 51	

REGULATOR - GCP 2V

Low-Medium-High Pressure Regulator

- Shut off pressure lever
- Constant pressure regulation valve
- Two outlets

Part #	Model	# of Valves	GPM	PSI	LBs	Inlet	Outlet	Bypass
1204.0592.00	GCP 2V	0	10.6	580	2.2	Flange	3/8"	1/2"
1204.0578.00		2						



Compatible Pumps
APS 41

REGULATOR - GCP 3V

Low-Medium-High Pressure Regulator

- Shut off pressure lever
- Constant pressure regulation valve
- Three outlets

Part #	Model	# of Valves	GPM	PSI	LBs	Inlet	Outlet	Bypass
1204.0288.00	GCP 3V	3	26.4	217	2.6	Quick Connect	3/8"	3/8"
1204.0680.00		2		362				
1204.0289.00		3		362				
1204.0195.00		3		435				
1204.0203.00		3		435				
1204.0678.00		2		580				
1204.0189.00		3		580				
1204.0205.00		3		580				
1204.0570.00		3		725				



Compatible Pumps	
BP 60	BP 125
P 48	APS 41
APS 51	APS 71
APS 96	APS 101
IDS 960	

FOR REGULATOR DIAGRAMS SEE PAGE 51.

REGULATOR - HPR 2

Low-Medium-High Pressure Regulator

- General shut off lever
- Antidrip suck-back device
- Constant pressure regulation valve
- Anti-corrosion, anodized aluminium body construction



Part #	Model	# of Valves	GPM	PSI	LBs	Inlet	Outlet	Bypass
1204.0466.00	HPR 2	3	39.7	725	2.6	3/4" BSP - M	1/2" BSP - M	1"

Compatible Pumps	
BP 60	BP 125
P 48	APS 41
APS 51	APS 71
APS 96	APS 101
APS 121	APS 141
APS 145	IDS 960
IDS 1000	IDS 1401

REGULATOR - Gemini

High Pressure Regulator

- Shut off pressure lever
- Constant pressure regulation valve
- Two outlets
- Bolt kit included (1204.0673.00 only)



Part #	Model	# of Valves	GPM	PSI	LBs	Inlet	Outlet	Bypass
1204.0564.00	GEMINI	2	13.2	580	2	Flange	3/8"	3/8"
1204.0673.00								

Compatible Pumps
APS41

REGULATOR - Alfa 3

High Pressure Regulator

- One total and partial shut off lever (2 outlets)
- Constant pressure regulation valve
- Brass body construction
- Also available with stellite pressure valve



Part #	Model	# of Valves	GPM	PSI	LBs	Inlet	Outlet	Bypass
1204.1200.00	ALFA 3	2	47.6	725	6.4	3/4" BSP - M	1/2" BSP - M	1"
1204.0805.00	ALFA 3							

Compatible Pumps	
APS 51	APS 71
APS 96	APS 101
APS 121	APS 141
APS 145	APS 166
IDS 960	IDS 1000
IDS 1401	IDS 2001

REGULATOR - VRS

High Pressure Regulator

- Shut off pressure lever
- Constant pressure regulation valve
- Highly resistant brass construction



Part #	Model	GPM	PSI	LBs	Inlet	Bypass
1215.0287.00	VRS	52.8	725	5.7	3/4" BSP - M	1"
1215.0084.00						

Compatible Pumps	
APS 121	APS 141
APS 145	APS 166
IDS 960	IDS 1000
IDS 1401	IDS 2001
IDS 2200/2600	

FOR REGULATOR DIAGRAMS SEE PAGE 51-52.

HYDRAULIC FLANGES



Model	Description	Compatible Pumps
5011.0182.00	Hydraulic motor mounting kit with 2-bolt, A-Mount hydraulic motor mounting flange, 1" female keyed shaft & mounting bolts.	MP20/30, P48, APS41/51/71/96



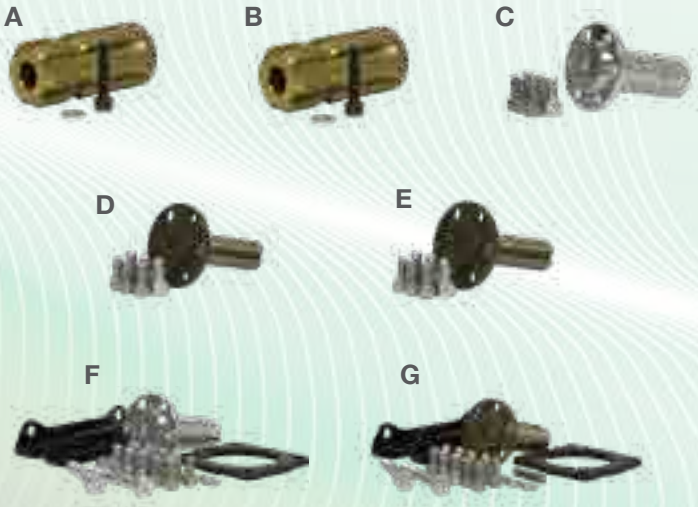
Model	Description	Compatible Pumps
5011.0187.00	Hydraulic motor mounting kit with 2-bolt, A-Mount hydraulic motor mounting flange, 1" female keyed shaft & mounting bolts.	BP125

PULLEY KITS



Model	Description	Compatible Pumps
(A) 5001.0069.00	10" A Groove	MC25
(B) 5001.0052.00	10" 2AA Groove	MP20/30, P48, APS41
(C) 5001.0070.00	13" 3B Groove	IDS 960
(D) 5001.0071.00	14" 3A Groove	IDS960
(E) 5001.0073.00	12" 2A Groove	BP75, P36

SHAFT KITS & ADAPTORS



Model	Description	Compatible Pumps
(A) 5003.0044.00	1 3/8" 6 spline PTO adapter	MC25
(B) 5003.0046.00	1 3/8" 6 spline PTO adapter	APS41AP
(C) 5003.0007.00	1 3/8" 6 spline PTO adapter kit	MP20/30, APS41/51/71/96
(D) 5003.0014.00	30mm solid keyed shaft adapter	MP20/30, APS41/51/71/96
(E) 5003.0041.00	1" solid keyed shaft adapter	MP20/30, APS41/51/71/96
(F) 5003.0003.00	1 3/8" 6 spline PTO adapter kit with pump mounting brackets	P48, P48AP
(G) 5003.0004.00	30mm solid keyed shaft adapter kit with pump mounting brackets	P48, P48AP

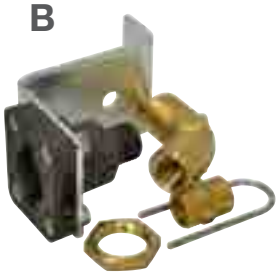
REMOTE MOUNTING UNITS

A



Plastic Barbs

B



Brass MPT Fittings

Model	Description	Compatible Pumps
(A) 5004.0003.00	5/8" hose barb connections.	MP20/30, P36, P48
(A) 5004.0004.00	3/4" hose barb connections.	MP20/30, P36, P48
(B) 5004.0123.00	3/4" MPT connections.	APS51, APS71, APS96
(B) 5004.0143.00	1" MPT connections.	APS51, APS71, APS96

SHAFT PROTECTORS & COVERS

SHAFT COVER



Model	Compatible Pumps
2426.0113.00	APS51, APS71, APS96



IMPORTANT! *For your safety, we recommend shaft protectors for all PTO Drive and Thru Shaft applications.*

SHAFT PROTECTOR

Model	Compatible Pumps
2416.0272.00	BP60, BP125
2416.0306.00	BP171, IDS1401, IDS2001, IDS2200, IDS260
2416.0297.00	MP20, MP30, P48
2416.0276.00	APS Series
2416.0226.00	IDS Series

GEAR REDUCERS



5005.0216.00



5005.0221.00



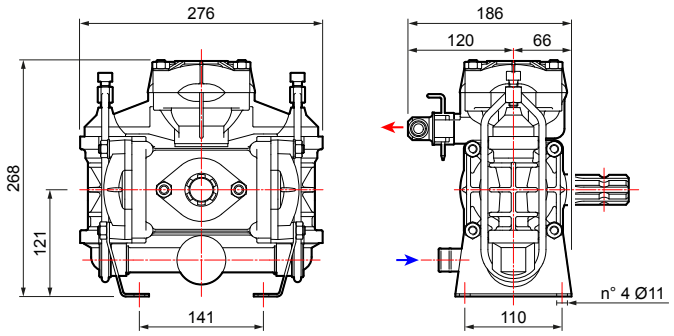
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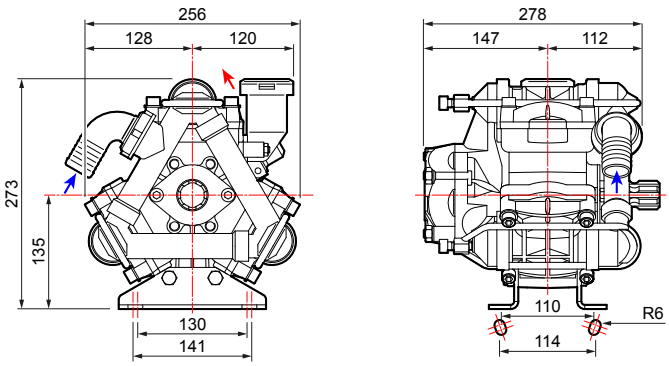
5005.0227.00

Model	Griggs	Vanguard	Honda	Kohler Command	Compatible Pumps
5005.0216.00	3.5 - 6.5 HP	6HP	4 - 6.5 HP	6 HP	MP20/30, P48, APS41, APS51, APS71
5005.0221.00	8 HP	9 - 13 HP	8 - 13 HP	11, 14 HP	APS51, APS71, APS96
5005.0226.00	3.5 - 6.5 HP	6 HP	4 - 6.5 HP	6 HP	BP75, BP125, P36
5005.0227.00	8 HP	9 - 13 HP	8 - 13 HP	11, 14 HP	BP125

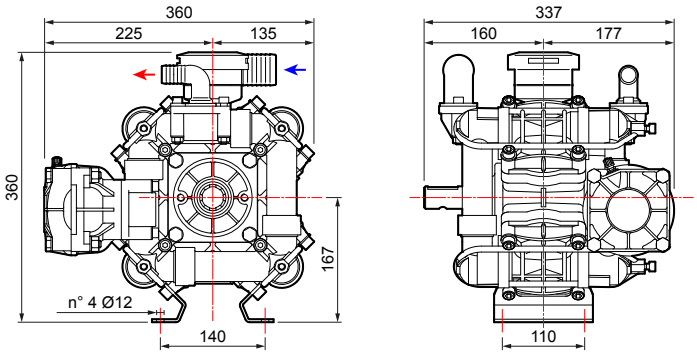
BP 60 K
(2 DIAPHRAGM)



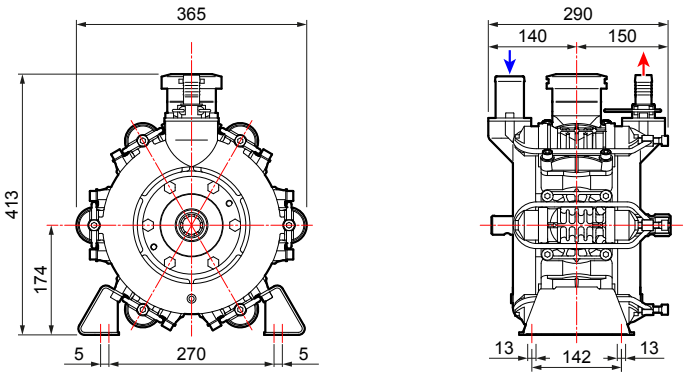
BP 125 K
(3 DIAPHRAGM)



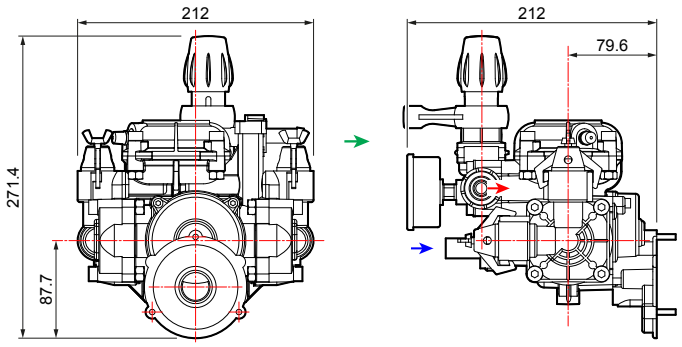
BP 171
(4 DIAPHRAGM)



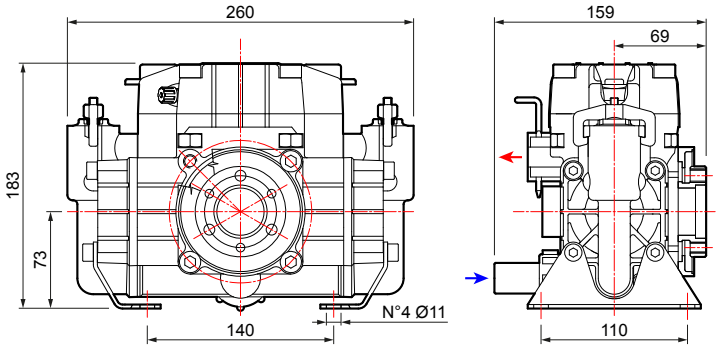
BP 205/235
(6 DIAPHRAGM)



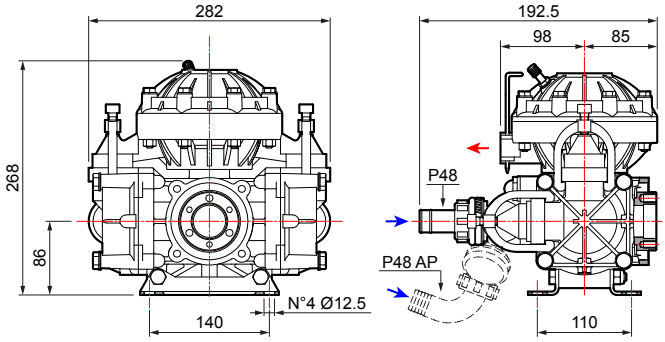
MC 25
(2 DIAPHRAGM)



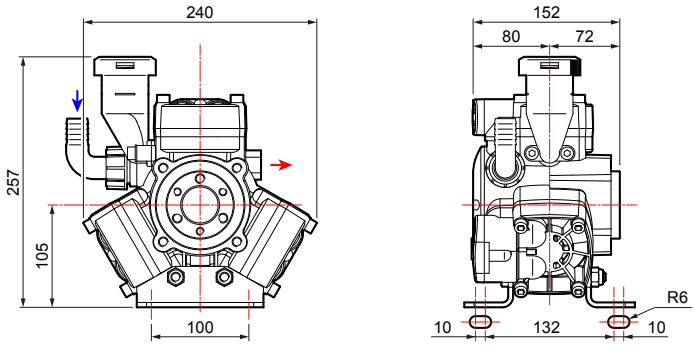
MP 20/30
(2 DIAPHRAGM)



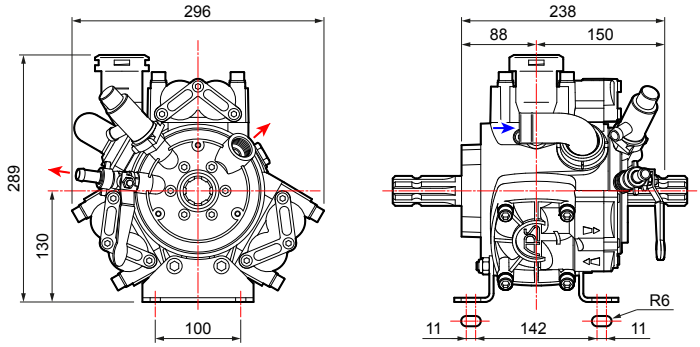
P 48
(2 DIAPHRAGM)



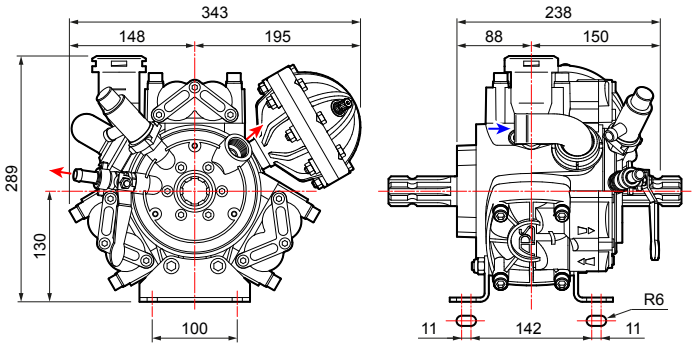
APS 41
(3 DIAPHRAGM)



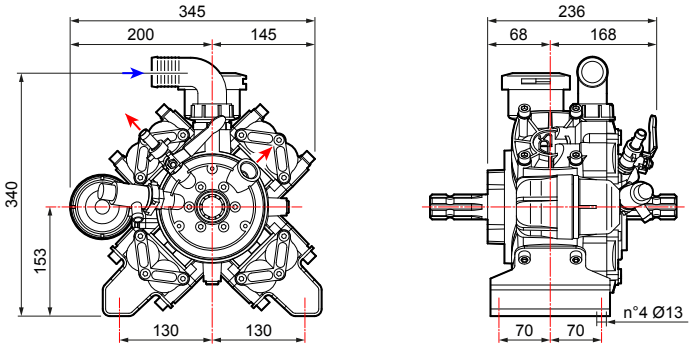
APS 51
(3 DIAPHRAGM)



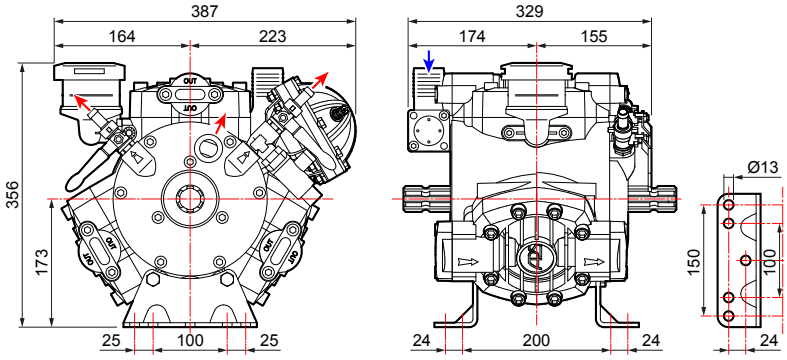
APS 71
(3 DIAPHRAGM)



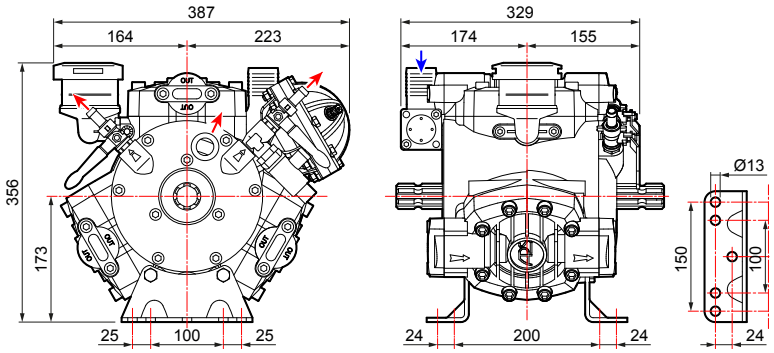
APS 96
(4 DIAPHRAGM)



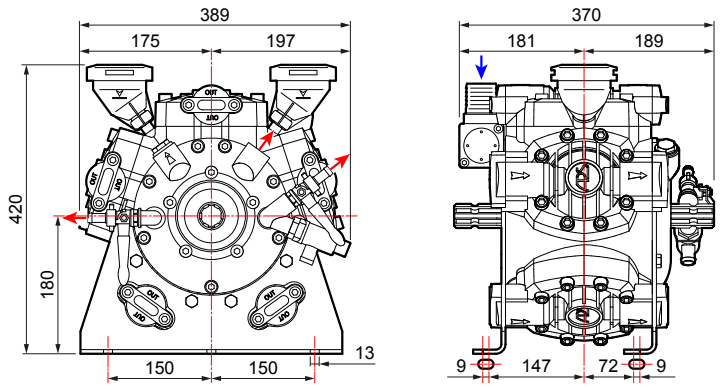
APS 101
(3 DIAPHRAGM)



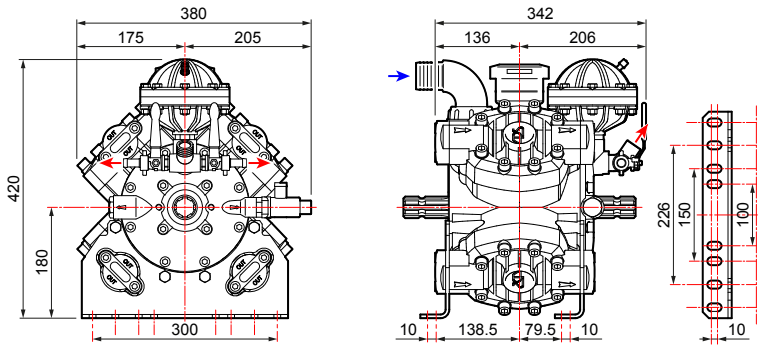
APS 121
(3 DIAPHRAGM)



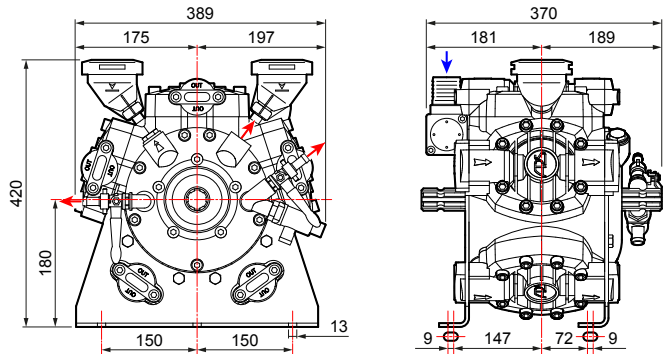
APS 141
(5 DIAPHRAGM)



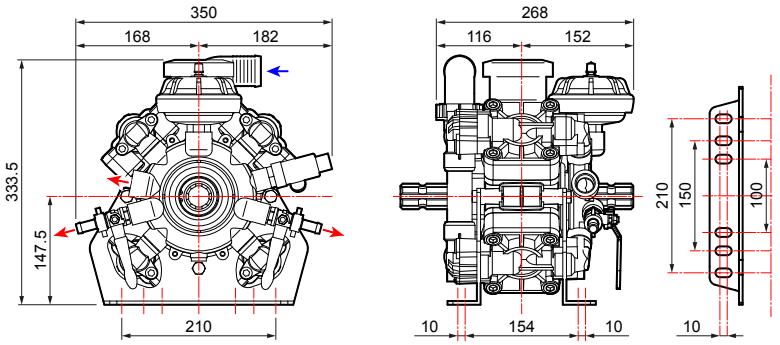
APS 145
(4 DIAPHRAGM)



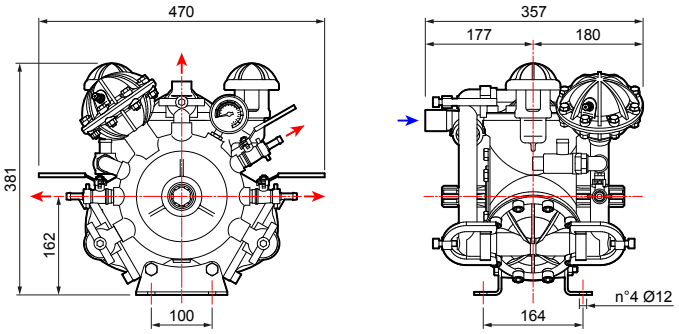
APS 166
(5 DIAPHRAGM)



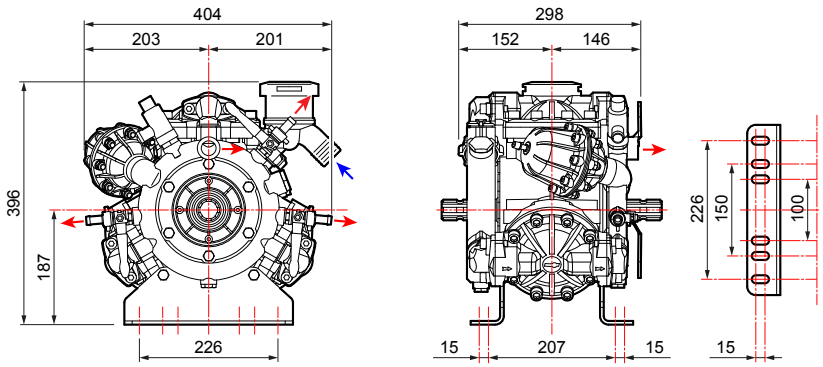
IDS 960
(4 DIAPHRAGM)



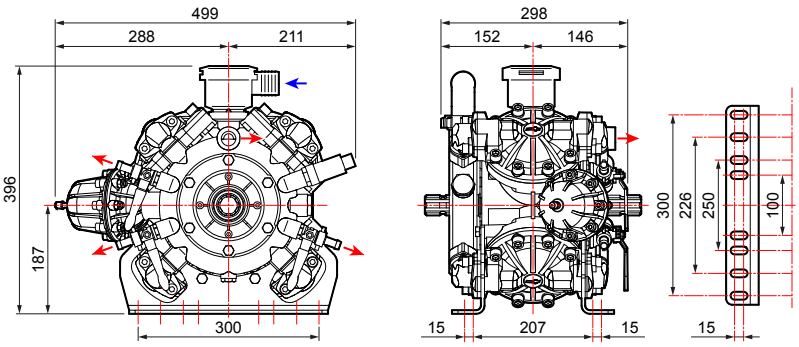
IDS 1000
(3 DIAPHRAGM)



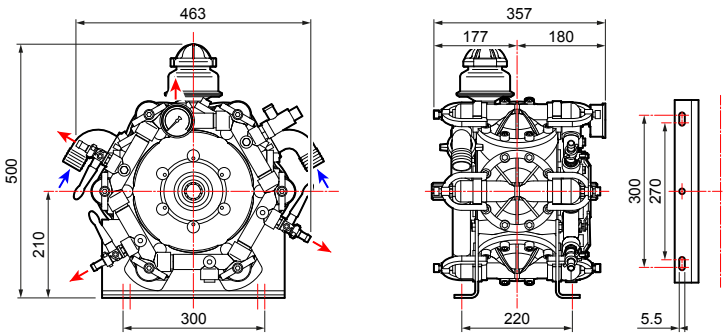
IDS 1401
(3 DIAPHRAGM)



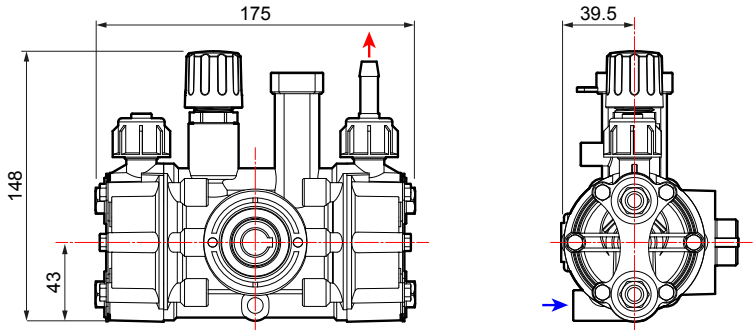
IDS 2001
(3 DIAPHRAGM)



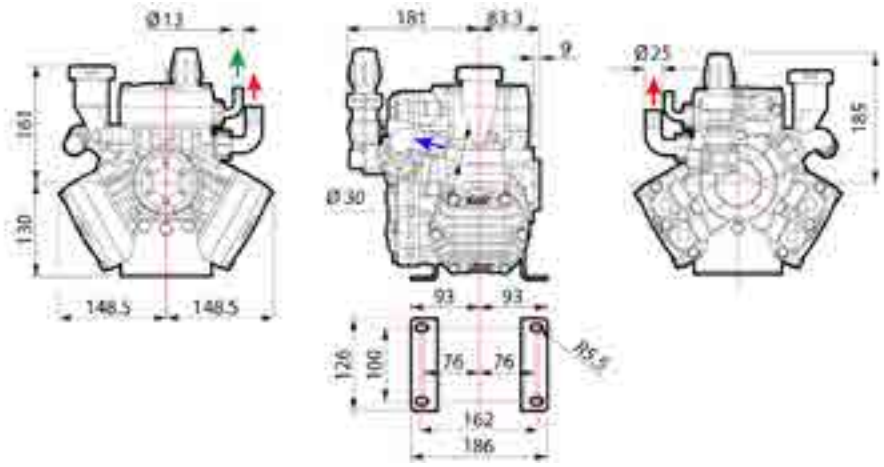
IDS 2200/2600
(6 DIAPHRAGM)



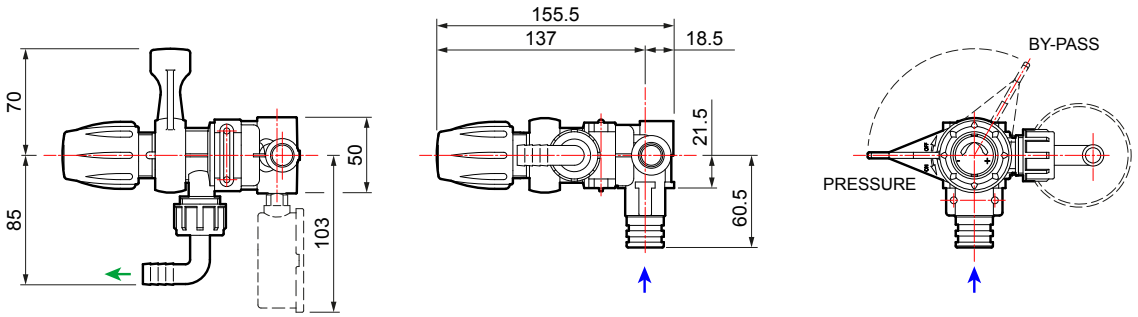
MC 18
(2 DIAPHRAGM)



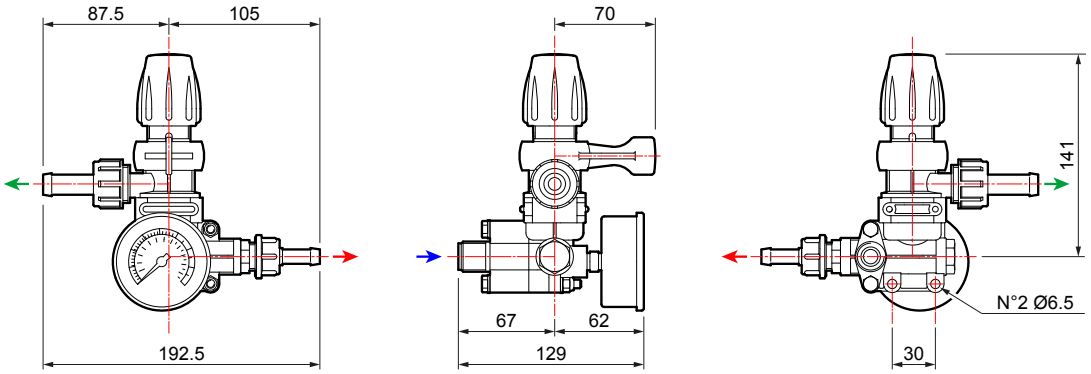
P 40
(4 DIAPHRAGM)



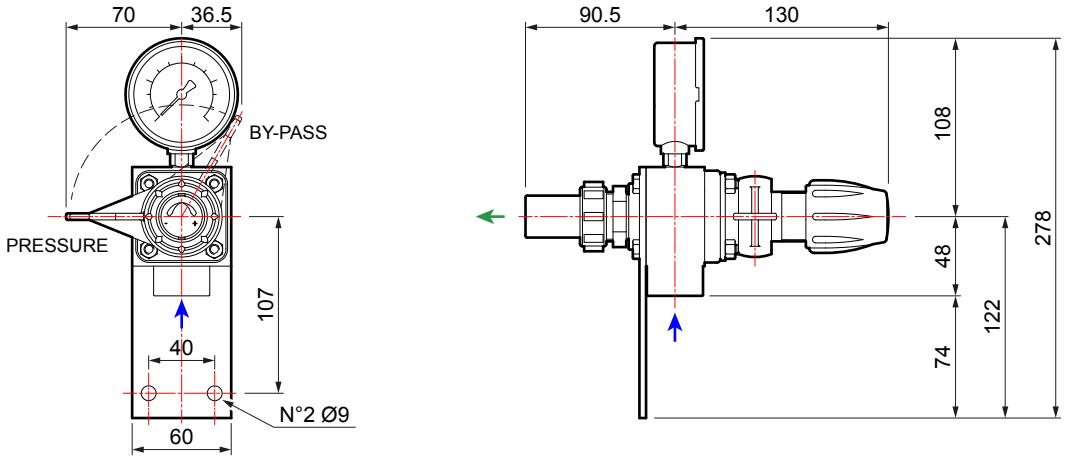
VR 10
(Low Pressure)



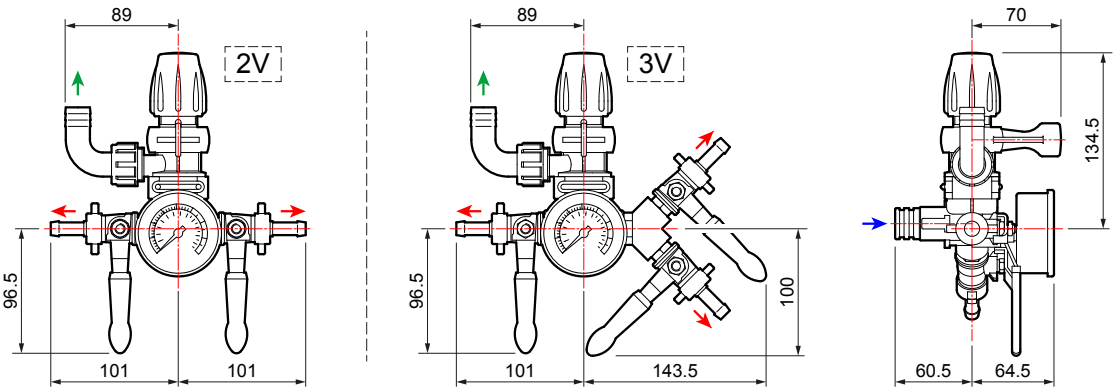
HYDRA
(Low Pressure)



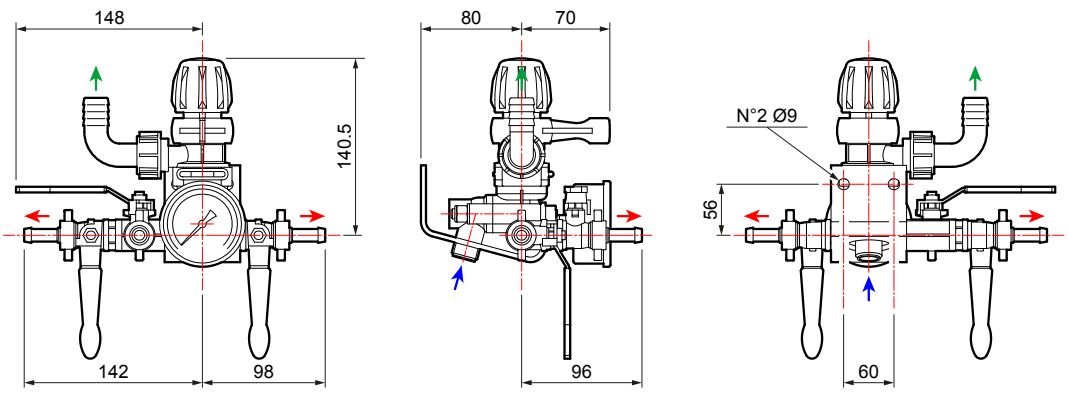
VR 20/40
(Low-Med Pressure)



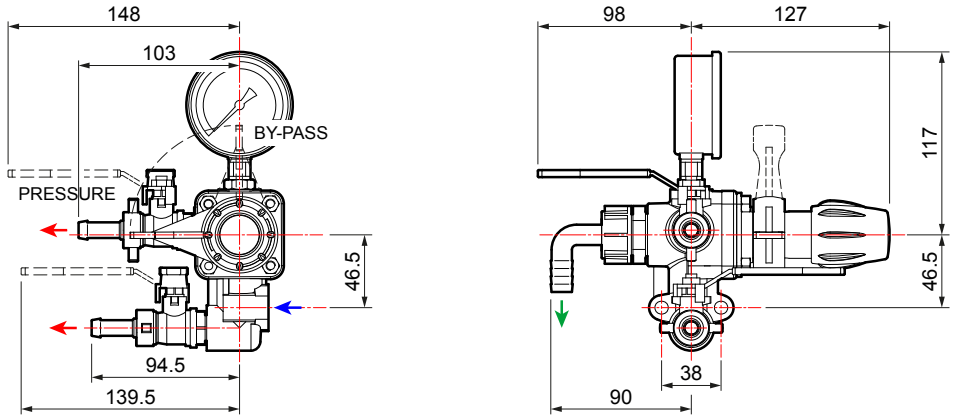
SIRIUS
(Low-Med-High Pressure)



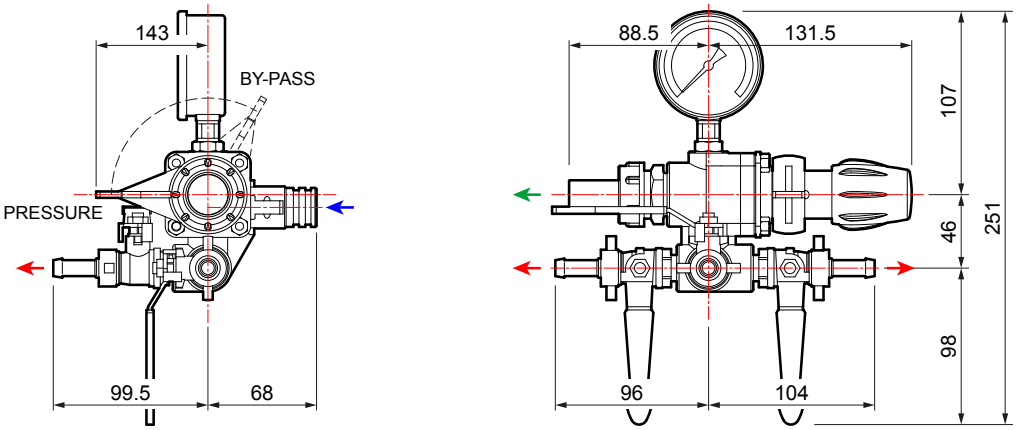
POLARIS
(Low-Med-High Pressure)



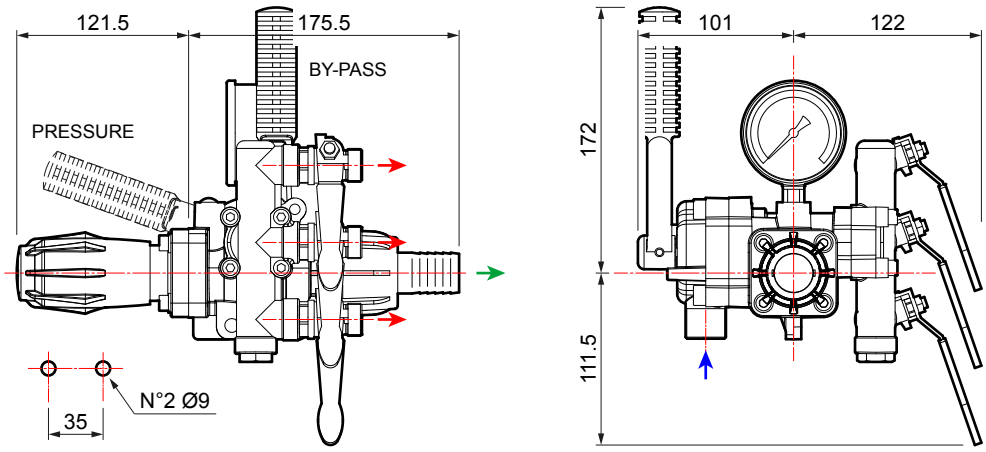
GCP 2V
(Low-Med-High Pressure)



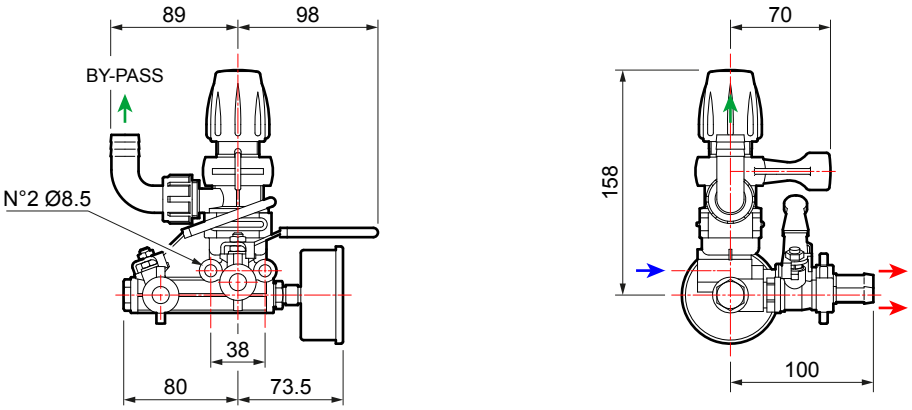
GCP 3V
(Low-Med-High Pressure)



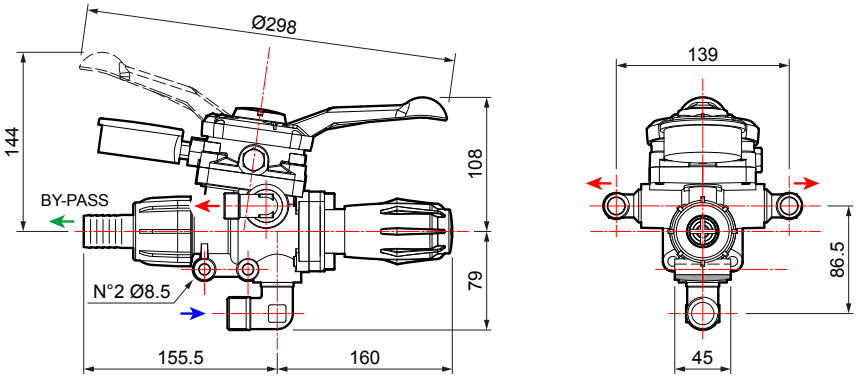
HPR 2
(Low-Med-High Pressure)



GEMINI (High Pressure)



ALFA 3 (High Pressure)



VRS (High Pressure)

