



DC20 Series



DF30 Series



DF50 Series



DF100 Series



DP200 Series

## Direct Flo Solvent Pumps

Fluid is pumped through the center of the pump rather than the outside, and in the DF series, there are no manifolds. The improved diaphragm and ball seat design provides a faster and stronger suction lift. Smaller profile per pump size with a long diaphragm life, reduced pulsations, minimal vibrations, and all while using 30-50% less air.

- DF30 series: Against 3/8" pumps, has 28% more flow, is 32% smaller, and has 1/2" fluid and 3/8" air connections
- DF50 series: Against 1/2" pumps, has equivalent flow, is 70% smaller, and has 1/2" fluid and 3/8" air connections
- DF100 series: Against 3/4" pumps, has 24% more flow, is 58% smaller, and has 1" fluid and 3/8" air connections
- DC 20 series: Against 1/4" pumps, has 16% more flow, is about the same size, and has 1/4" ID/3/4" OD fluid and 3/8" air connections
- DP200 series: Against 1" pumps, has equivalent flow, is 56% smaller, and has 1" fluid and 3/8" air connections

**General use: Solvents (ketones, acetates and aldehydes) and solvent based fluids. Solvent and water based flexographic and gravure inks and paints.**

Stock	Series	Size	Flow Rate GPM (lpm)	Fluid Body Material	Air side Construction	Balls	Diaphragms	Seats	Seals	Certifications	L	W	Hgt.
98152	DC20	1/4"	5 gpm (20 lpm)	Conductive Acetal	Polypropylene	PTFE	PTFE	Acetal	PTFE	-	3.78"	5.94"	6.8"
98158	DF50	1/2"	14 gpm (50 lpm)	Conductive Acetal	Polypropylene	PTFE	PTFE	Stainless Steel	FFKM-FEP	ATEX	6.14"	6.3"	7.28"
98159	DF50	1/2"	14 gpm (50 lpm)	Conductive Aluminum	Aluminum	PTFE	PTFE	Stainless Steel	EPDM	ATEX	6.14"	6.3"	6.57"

**Discount:** less 5% in 2; less 10% in 4; less 15% in 12.

**General use: Water and some aqueous chemicals. General application pump for lubricants.**

Stock	Series	Size	Flow Rate GPM (lpm)	Fluid Body Material	Air side Construction	Balls	Diaphragms	Seats	Seals	Certifications	L	W	Hgt.
98153	DC20	1/4"	5 gpm (20 lpm)	Polypropylene	Polypropylene	Hytrell	Hytrell	Poly	Viton™	-	3.78"	5.94"	6.8"

**Discount:** less 5% in 2; less 10% in 4; less 15% in 12.

**General use: Water based fluids & adhesives, diluted alkalis and acids, alcohols. Water based coatings and adhesives.**

Stock	Series	Size	Flow Rate GPM (lpm)	Fluid Body Material	Air side Construction	Balls	Diaphragms	Seats	Seals	Certifications	L	W	Hgt.
98157	DF30	3/8"	10 gpm (30 lpm)	Polypropylene	Polypropylene	PTFE	Santoprene	Stainless Steel	EPDM	-	5.12"	6.3"	6.5"
98160	DF50	1/2"	14 gpm (50 lpm)	Polypropylene	Polypropylene	PTFE	Santoprene	Stainless Steel	EPDM	-	6.14"	6.3"	7.28"
98163	DF100	3/4"	28 gpm (100 lpm)	Polypropylene	Polypropylene	PTFE	Santoprene	Stainless Steel	EPDM	-	8.5"	7.44"	8.94"
98167	DP200	1"	53 gpm (200 lpm)	Aluminum	Aluminum	PTFE	Santoprene	Santoprene	none	-	11.0"	11.0"	12.13"
98168	DP200	1"	53 gpm (200 lpm)	Polypropylene	Polypropylene	PTFE	Santoprene	Poly	EPDM	-	12.59"	11.66"	14.3"

**Discount:** less 5% in 2; less 10% in 4; less 15% in 12.

**Highly Aggressive Fluids: Almost universal chemical pump, including strong acids and acids above temperature. Not recommended for strong alkalis or concentrated nitric acid.**

Stock	Series	Size	Flow Rate GPM (lpm)	Fluid Body Material	Air side Construction	Balls	Diaphragms	Seats	Seals	Certifications	L	W	Hgt.
98155	DF30	3/8"	10 gpm (30 lpm)	Conductive Kynar	Polypropylene	PTFE	PTFE	Kynar®	FFKM-FEP	ATEX	5.12"	6.3"	6.5"
98162	DF50	1/2"	14 gpm (50 lpm)	Conductive Kynar	Polypropylene	PTFE	PTFE	Kynar®	FFKM-FEP	ATEX	6.14"	6.13"	7.28"
98165	DF100	3/4"	28 gpm (100 lpm)	Conductive Kynar	Polypropylene	PTFE	PTFE	Kynar®	FFKM-FEP	ATEX	8.5"	7.44"	8.94"

**Discount:** less 5% in 2; less 10% in 4; less 15% in 12.

**Wide chemical compatibility. Good for acids, alkalis & neutral pH fluids.**

Stock	Series	Size	Flow Rate GPM (lpm)	Fluid Body Material	Air side Construction	Balls	Diaphragms	Seats	Seals	Certifications	L	W	Hgt.
98154	DC20	1/4"	5 gpm (20 lpm)	Polypropylene	Polypropylene	PTFE	PTFE	Poly	PTFE	-	3.78"	5.94"	6.8"
98156	DF30	3/8"	10 gpm (30 lpm)	Polypropylene	Polypropylene	PTFE	PTFE	Stainless Steel	Viton™	-	5.12"	6.3"	6.5"
98161	DF50	1/2"	14 gpm (50 lpm)	Polypropylene	Polypropylene	PTFE	PTFE	Stainless Steel	Viton™	-	6.14"	6.3"	7.28"
98164	DF100	3/4"	28 gpm (100 lpm)	Polypropylene	Polypropylene	PTFE	PTFE	Stainless Steel	Viton™	-	8.5"	7.44"	8.94"
98169	DP200	1"	53 gpm (200 lpm)	Polypropylene	Polypropylene	PTFE	PTFE	Poly	PTFE	-	12.59"	11.66"	14.3"

**Discount:** less 5% in 2; less 10% in 4; less 15% in 12.

**For aliphatic and aromatic hydrocarbons, petroleum oils, vegetable oils and silicone oils. Fuels (biodiesel, diesel).**

Stock	Series	Size	Flow Rate GPM (lpm)	Fluid Body Material	Air side Construction	Balls	Diaphragms	Seats	Seals	Certifications	L	W	Hgt.
98166	DP200	1"	53 gpm (200 lpm)	Aluminum	Aluminum	PTFE	PTFE	Alum	PTFE	-	11.0"	11.0"	12.13"

**Discount:** less 5% in 2; less 10% in 4; less 15% in 12.