

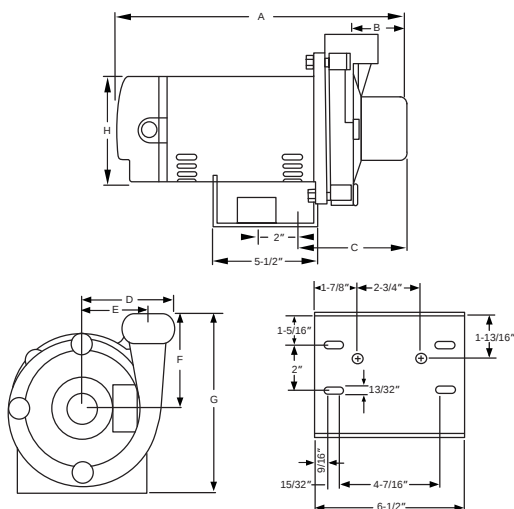
Non-Submersible Pumps

End Suction Centrifugal Pumps

DDD/DDS Series



NRTL/C
CSA108
UL778



Features:

- Available in cast iron (DDD Series) or stainless steel (DDS Series) models.

DDD Series Features:

- Cast iron seal plate for dependable high temperature operation.
- Glass-filled thermoplastic impeller for increased efficiency and dependable high temperature operation.
- Back pull-out design provides access to internal parts without disturbing the plumbing.
- Mechanical shaft seal ensures a leakproof fit and continuous water lubrication.
- Maximum temperature limit of 140 °F/60 °C and maximum working pressure of 150 psi.
- Square-flange open drip-proof motor for easy service and reliability.
- Available in single- and three-phase models.
- Enclosed impeller design for increased efficiencies.
- Chemical resistant thermoplastic impeller.

DDS Series Features:

All of the DDD Series features above except:

- Viton® mechanical shaft seal for added chemical resistance.
- 304SS case and seal plate.

Viton® is a registered trademark of Dupont Dow Elastomers.

Dimensions										
HP	Suct. (NPT)	Disch. (NPT)	A	B	C	D	E	F	G	H
1/2	1-1/4"	1"	14-11/16"	2-3/8"	5-5/16"	4-7/16"	3-1/2"	4-5/8"	8-3/4"	5-1/2"
3/4	1-1/4"	1"	14-11/16"	2-3/8"	5-5/16"	4-7/16"	3-1/2"	4-5/8"	8-3/4"	5-1/2"
1	1-1/4"	1"	14-11/16"	2-3/8"	5-5/16"	4-7/16"	3-1/2"	4-5/8"	8-3/4"	5-1/2"
1.5	1-1/4"	1"	15-3/16"	2-3/8"	5-5/16"	4-7/16"	3-1/2"	4-5/8"	8-3/4"	5-1/2"
2	1-1/2"	1-1/4"	16-11/16"	2-13/16"	6-1/8"	5"	3-9/16"	5"	9-1/8"	6-5/16"
2.5	2"	1-1/2"	16-11/16"	2-13/16"	6-1/8"	5"	3-9/16"	5"	9-1/8"	6-5/16"

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DDD/DDS Series Ordering Information (See pgs. 2-3 for model number explanation)

DDD Series - Cast Iron

DDD Series Centrifugal Pump Units								
Series	Suction x Discharge	HP	Single-phase			Three-phase - 208-230/460 Volt		
			Model No.	Order No.	Wt.	Model No.	Order No.	Wt.
DDD	1-1/4" x 1"	1/2	5FPDDD1-S	93176928	27	5FPDDD1-T	93177991	27
		3/4	7FPDDD1-S	93176936	31	7FPDDD1-T	93178007	31
		1	1FPDDD1-S	93176944	33	1FPDDD1-T	93178015	33
		1.5	15FPDDD1-S	93176951	38	15FPDDD1-T	93178023	38
	1-1/2" x 1-1/4"	2	2FPDDD1-1/4-S	93176969	48	2FPDDD1-1/4-T	93178031	48
	2" x 1-1/2"	2.5	25FPDDD1-1/2S	93176977	46	-	-	-

DDS Series - Stainless Steel

DDS Series Centrifugal Pump Units								
Series	Suction x Discharge	HP	Single-phase			Three-phase - 208-230/460 Volt		
			Model No.	Order No.	Wt.	Model No.	Order No.	Wt.
DDS	1-1/4" x 1"	1/2	5FPDDS1-S	93178056	25	5FPDDS1-T	93178098	25
		3/4	7FPDDS1-S	93178064	29	7FPDDS1-T	93178106	29
		1	1FPDDS1-S	93178072	31	1FPDDS1-T	93178114	31
		1.5	15FPDDS1-S	93178080	36	15FPDDS1-T	93178122	36

Pump End Kits

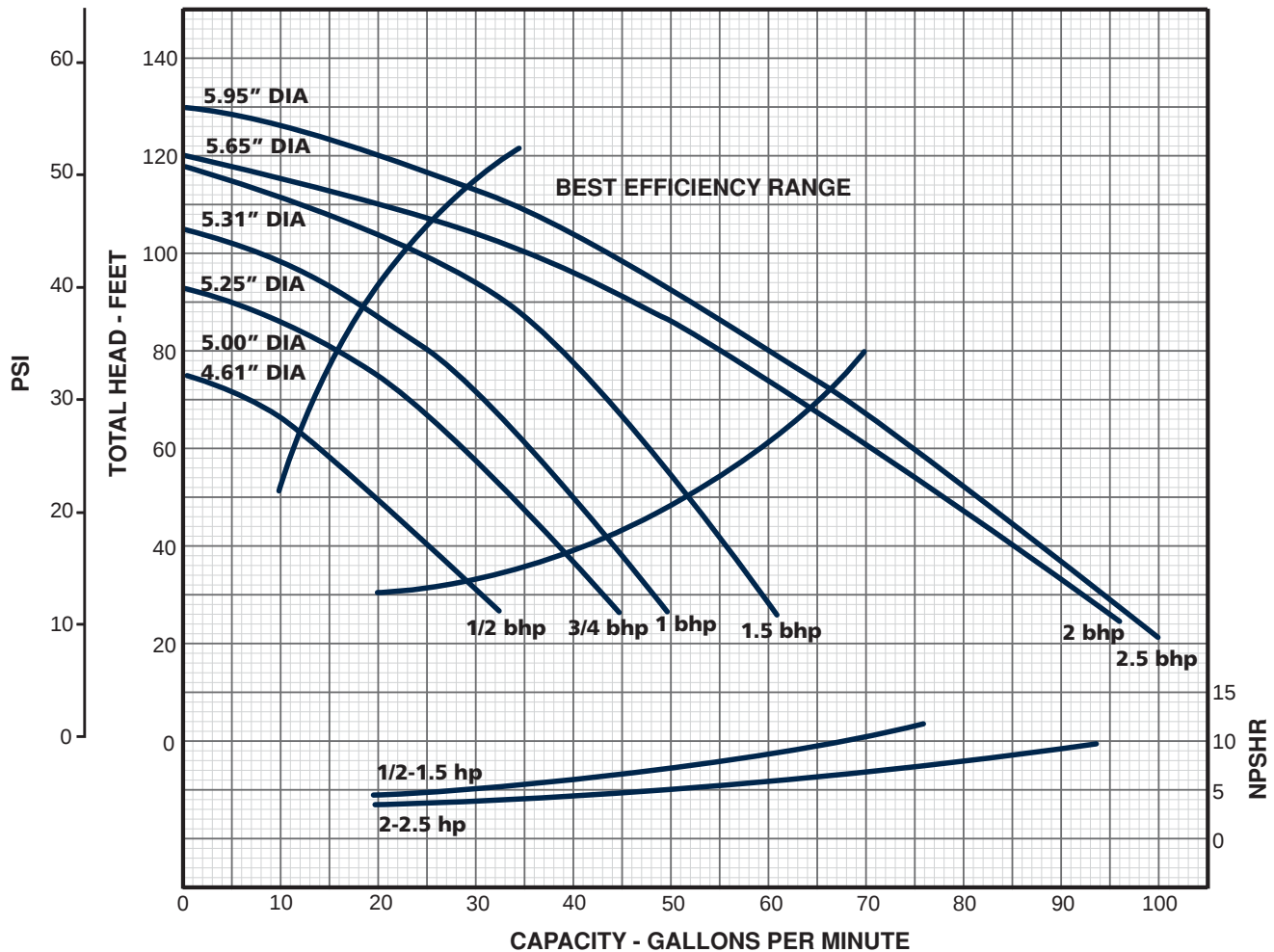
DDD/DDS Series Centrifugal Pump End Kits for 3500 R.P.M. - O.D.P. Motors								
Series	Suction x Discharge	HP Range	Phase	Motor Frame Size	Max. Imp. Diameter	Pump End Kit		
						Model	Order No.	Wt.
DDD DDS	1-1/4" x 1"	1/2 - 1.5	1 or 3	56Z	5.315"	FPDDD1-K1	93174137R348	12
						FPDDS1-K1	93174137R378	
	1-1/2" x 1-1/4"	2	1 or 3	56Z	5.65"	FPDDD1-1/4-K1	93174137R358	15
	2" x 1-1/2"	2.5	1 or 3	56Z	5.95"	FPDDD1-1/2-K1	93174137R368	14

Note: Weight in pounds.

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DDD/DDS Series Performance



HP	Suction x Discharge	Capacities GPM											Shut Off Head (ft)
		Total Head in Ft											
		30	35	40	45	50	60	70	80	90	100	110	
1/2	1-1/4" x 1"	30	27	25	22	19	14	-	-	-	-	-	74
3/4	1-1/4" x 1"	-	41	38	36	34	29	23	16	-	-	-	93
1	1-1/4" x 1"	-	-	-	42	40	36	31	25	18	-	-	105
1.5	1-1/4" x 1"	-	-	-	-	52	47	44	39	34	25	-	118
2	1-1/2" x 1-1/4"	-	-	-	-	-	-	64	56	47	36	23	121
2.5	2" x 1-1/2"	-	-	-	-	-	-	68	61	53	45	35	131

Note: All performance data based on rated nameplate voltage.