

CLARK SOLUTIONS

500 Series Rotary Gear Pump

Pressure to 1000 PSI, Flow to 60 GPM, Drive Speed to 1725 RPM

DESCRIPTION

500 Series pumps are designed to provide quiet and efficient service at standard motor speeds and moderately high pressures. Typical applications are supplying hydraulic power in machine tools and construction equipment, as well as oil field gathering line service and deep hole drilling applications.

The pumps are available in cast iron and ductile iron. They are designed to operate at speeds to 1725 RPM, pressures to 1,000 PSI, and flow rates to 60 GPM. The standard seal is a mechanical self adjusting seal with Buna-N elastomer. Lubrication of the anti-friction bearings is accomplished by the circulation of the pumped liquid. All models are available with foot or flange mounting and integral relief valves.

These pumps are self-priming and uni-directional. The machining of the gears, shafts and housing faces are held to exacting tolerances (within 0.0005") resulting in a pump with better lift, reduced slippage and longer service life. Standard pumps operate to 250°F and, with modifications, to 500°F.

Spur and herringbone gears are accurately cut and rugged.

SPECIFICATIONS

GENERAL

Design: Drive speeds to 1725 RPM; discharge pressures to 1,000 PSI; flow rates to 60 GPM; foot or flange mounted; with or without integral relief valve.

Material: Cast Iron casings with precision machined, heat treated gears and case hardened shafts. Pumps are also available in Ductile Iron.

Gears: Models 502 & 504, spur gears; Models 507, 511, 517, 525, 537, 547, 557 & 567, herringbone gears.

Bearings: Anti-friction needle roller bearings. Also available with carbon graphite or bronze bearings.

Seal: Self adjusting mechanical seal. Also available with compression packing. Mechanical seal available with different elastomers for pumping different types of liquids.

Lubrication: Self-lubricating using the pumped liquid.

Rotation: Clockwise or counter-clockwise. A reversible back drain permits direction of rotation to be easily changed in the field.

Liquid Viscosities: 100 SSU to 1,000 SSU recommended.

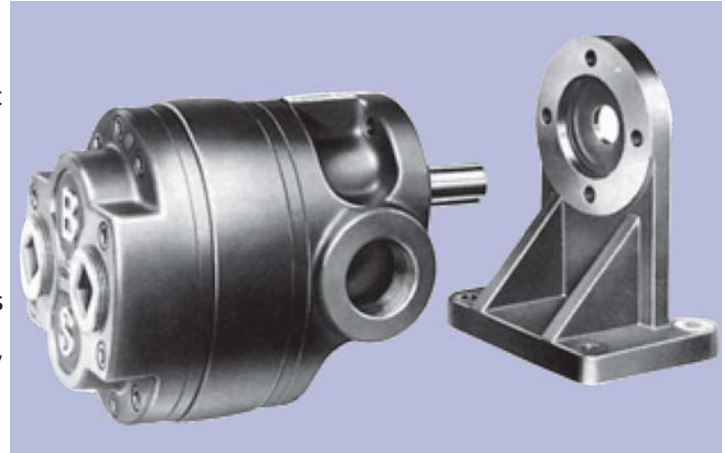
Clean liquids having good lubricating quality.

Adaptable for handling liquids of higher or lower viscosities.

Suction Lift: Up to 28" Hg / 31 feet depending on the type of liquid being pumped.

Drive Options: E-Drive (pump close coupled to motor); A-Drive (pump connected to C-face motor with adapter bracket and coupling); D-Drive (pump coupled to motor mounted on base plate); GR-Drive (pump coupled to gear reducer coupled to motor mounted on baseplate); B-Drive (pump and motor connected by V-belt and pulleys mounted on base plate).

Accessories: Repair Kits, Gear Sets, Bearing Kits, and Seal Kits.



S Series Gear Pump



FEATURES

• PRECISION GROUND JOINTS

NO GASKETS- Perhaps the biggest advantage to these pumps. As gaskets are not used, original tolerances are maintained for consistent performance and the time once lost in halting operations to replace a worn gasket is saved.

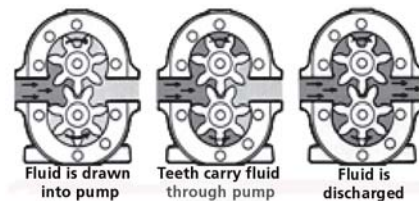
• BEARINGS

The heart of the pump. Sleeve and plain bearings are especially adapted to maintain even gear and shaft rotation for normal pump service. Anti-friction bearings minimize friction and provide higher load ratings for medium to high pressure service. Anti-friction and sleeve type bearings are replaceable.

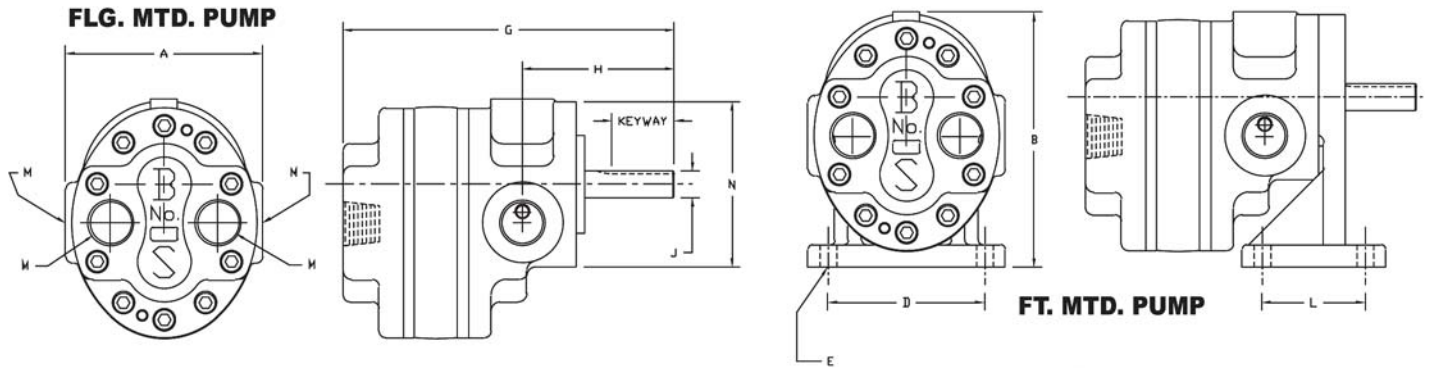
• SEALS

Self-adjusting mechanical seal and compression packing provides an ample safeguard against liquid leakage and the entrance of air.

PRINCIPLE OF OPERATION



PUMP DIMENSIONS (INCHES)



Note: Unit is not dimensioned with optional integral relief valve. The purpose of the relief valve is to relieve pressure in the pump when the discharge line is closed or otherwise obstructed. This is accomplished internally by routing the discharge back to the suction side of the pump when discharge pressure exceeds the set value. The relief valve is designed as a safety device and is not intended as a directional control valve nor is it intended for use under conditions calling for extended periods of by-pass. The relief valve should always be positioned on the discharge side of the pump. Placement on the suction side of the pump will render the pump inoperable.

Table 1

Model	A	B	C	D	E	G	H	J	K	L	M	N	O	Keyway
507	4.00	5.19	3.19	3.00	0.39	7.56	3.38	5/8	3.50	2.38	3/4	3.25	5/16-18	3/16 x 3/32
511	4.00	5.19	3.19	3.00	0.39	8.06	3.38	5/8	3.50	2.38	3/4	3.25	5/16-18	3/16 x 3/32
517	5.50	7.13	3.66	4.38	0.47	9.25	4.25	3/4	4.75	2.88	1	4.68	7/16-14	3/16 x 3/32
525	5.50	7.13	3.66	4.38	0.47	9.75	4.25	3/4	4.75	2.88	1	4.68	7/16-14	3/16 x 3/32
537	6.25	8.00	4.38	5.00	0.53	10.75	4.50	1.00	5.63	3.38	1 1/2	4.68	7/16-14	1/4 x 1/8
547	6.25	8.00	4.38	5.00	0.53	11.25	4.50	1.00	5.63	3.38	1 1/2	4.68	7/16-14	1/4 x 1/8
557	6.25	8.00	4.38	5.00	0.53	11.75	4.50	1.00	5.63	3.38	1 1/2	4.68	7/16-14	1/4 x 1/8
567	3.25	8.00	4.38	5.00	0.53	13.25	4.50	1.00	5.63	3.38	2	4.68	7/16-14	1/4 x 1/8

OPERATING CHARACTERISTICS

Table 2 Delivery and horsepower are based on liquid viscosity if 100 SSU at speed and pressures shown.

Model	Drive Speed (RPM)	0 PSI		100 PSI		200 PSI		300 PSI		400 PSI		500 PSI		1000 PSI	
		GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
507	1140	5.0	0.20	4.7	0.50	4.4	0.85	4.1	1.2	3.8	1.5	3.5	1.9	2.0	3.5
	1725	7.6	0.40	7.3	0.80	7.0	1.2	6.7	1.6	6.4	2.0	6.1	2.5	4.6	4.5
511	1140	7.5	0.40	7.0	0.80	6.7	1.2	6.3	1.6	5.9	2.0	5.5	2.5	3.5	4.6
	1725	11.1	0.60	10.7	1.3	10.3	2.0	9.8	2.6	9.4	3.3	9.0	4.0	7.0	7.5
517	1140	12.0	0.40	11.3	1.2	11.0	1.8	10.5	2.6	10.0	3.2	9.5	3.9	-	-
525	1140	17.0	0.50	15.5	1.5	15.0	2.6	14.2	3.6	13.5	4.5	12.7	5.5	-	-
537	1140	24.5	0.60	22.5	2.2	20.5	3.6	19.0	5.0	17.0	6.4	15.0	7.9	-	-
547	1104	31.1	0.70	29.0	2.7	27.0	4.5	25.3	6.3	23.5	8.1	21.5	9.9	-	-
557	1140	37.5	0.80	35.5	3.2	33.5	5.4	31.5	7.6	30.0	9.8	28.0	12.0	-	-
567	1140	57.9	1.20	56.0	4.9	54.0	8.3	52.1	11.7	50.2	15.1	48.3	18.5	-	-

FLOW CURVES

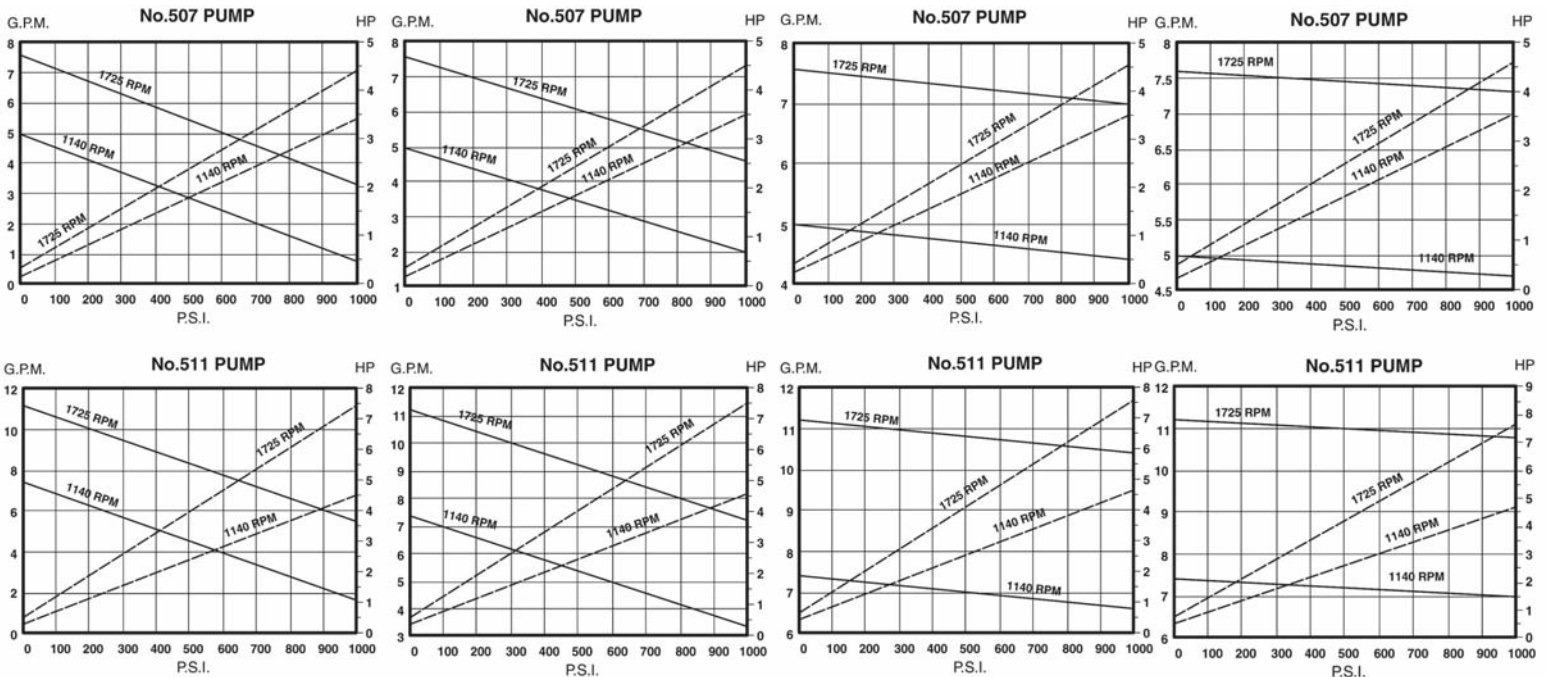
70 SSU LIQUID

100 SSU LIQUID

500 SSU LIQUID

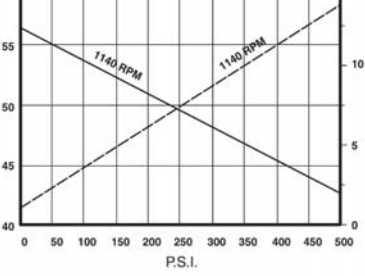
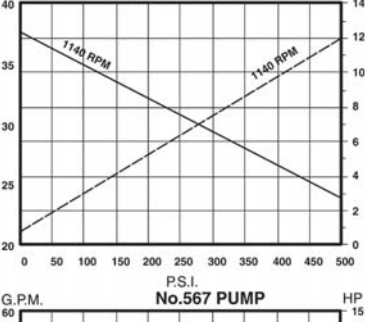
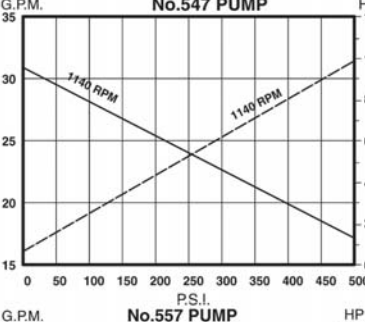
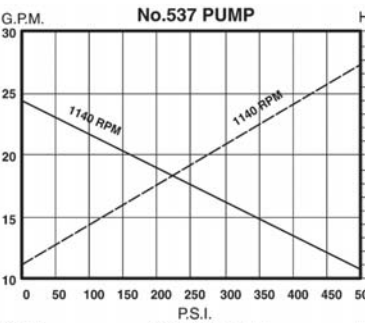
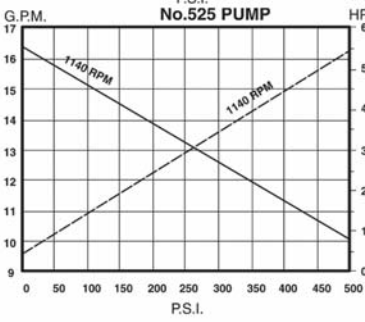
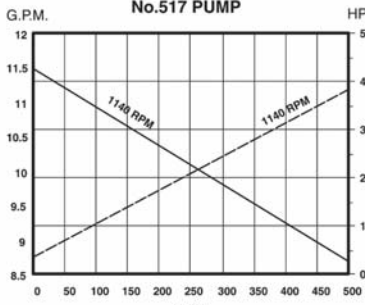
1,000 SSU LIQUID

SOLID LINE = GPM BROKEN LINE = HP

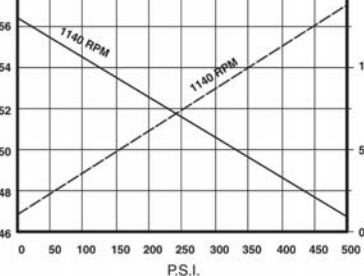
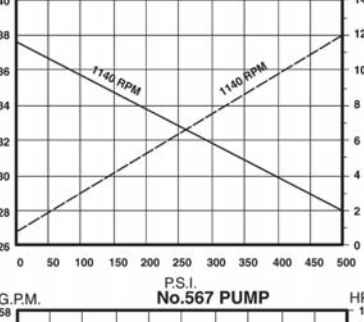
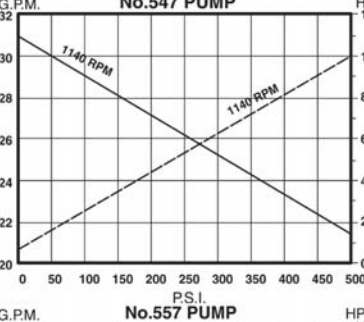
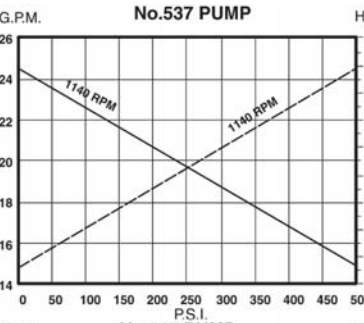
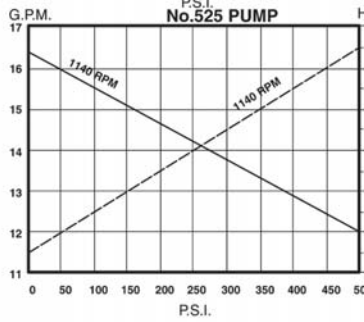
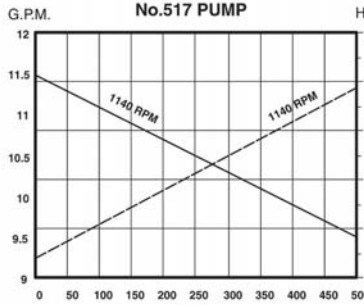


FLOW CURVES

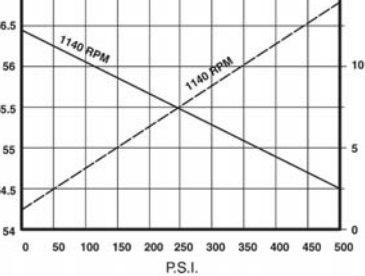
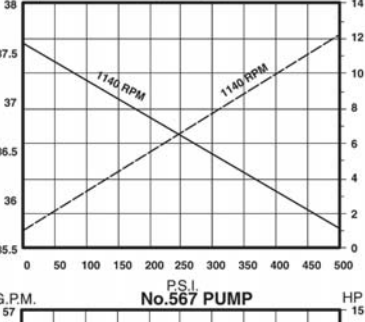
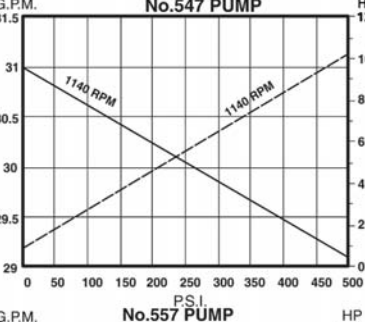
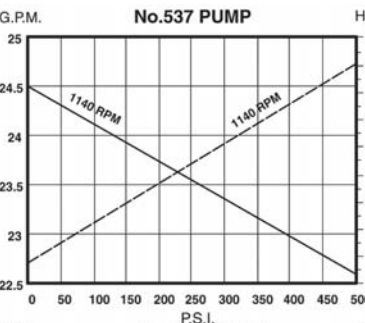
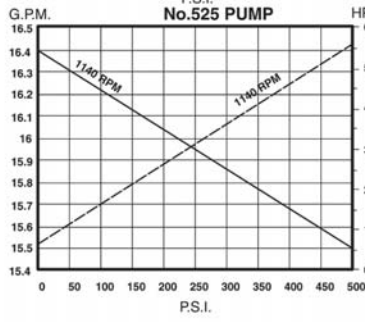
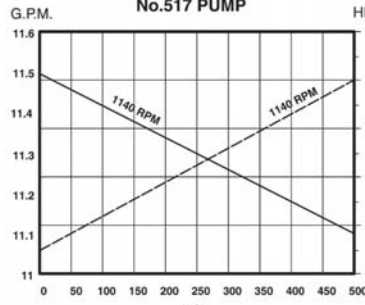
70 SSU LIQUID



100 SSU LIQUID

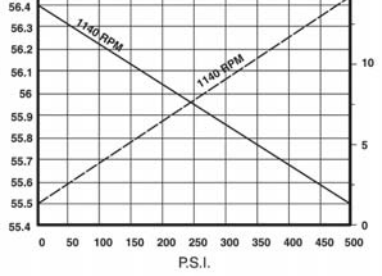
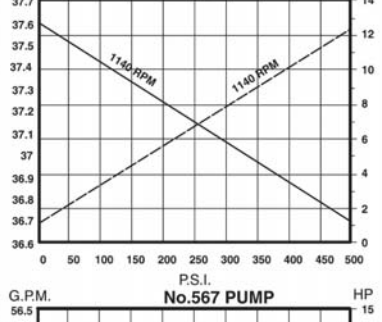
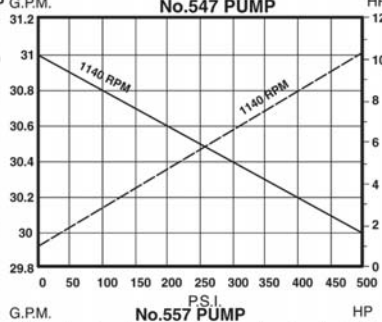
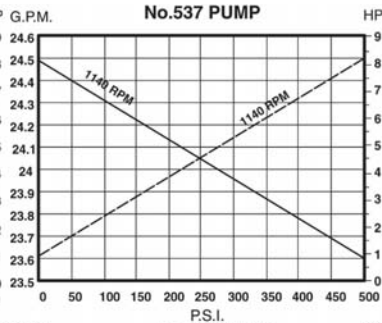
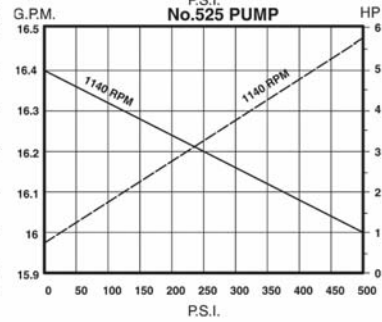
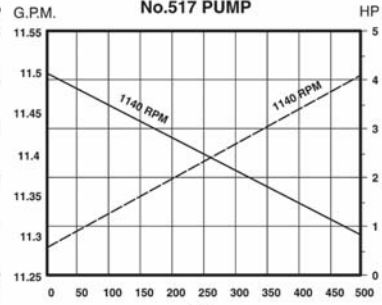


500 SSU LIQUID



SOLID LINE = GPM BROKEN LINE= HP

1,000 SSU LIQUID



PUMP DIMENSIONS (INCHES) CLOSE COUPLED MOTOR (E-DRIVE)

500 Series pumps are available direct coupled to the end bell of a foot mounted motor. This assembly, referred to as an E-Drive, ensures accurate alignment and requires less space than a pump connected to the C-Face of a motor. This configuration is available in motor speeds of 860, 1140, & 1725 RPM

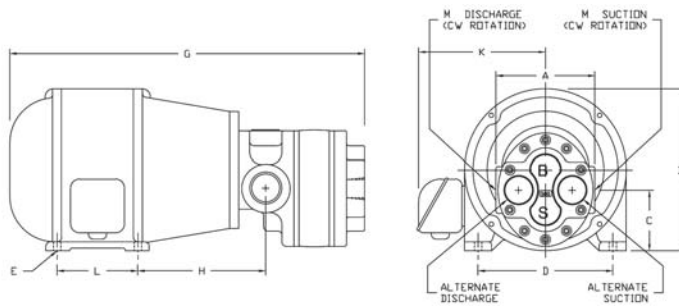


Table 3

Model	Motor Frame	A	B	C	D	E	F	G	H	K	L	M
507E	182	4.00	9.00	4.19	7.50	0.406	N/A	17.81	6.50	7.06	4.50	3/4
	184	4.00	9.00	4.19	7.50	0.406	N/A	18.81	6.50	7.06	5.50	3/4
	213	4.00	10.38	4.94	8.50	0.406	N/A	20.38	7.31	7.94	5.50	3/4
	215	4.00	10.38	4.94	8.50	0.406	N/A	21.88	7.31	7.94	7.00	3/4
	254U	4.00	12.38	5.94	10.00	0.531	N/A	24.56	8.13	9.81	8.25	3/4
511E	182	4.00	9.00	4.19	7.50	0.406	N/A	18.31	6.50	7.06	4.50	3/4
	184	4.00	9.00	4.19	7.50	0.406	N/A	19.31	6.50	7.06	5.50	3/4
	213	4.00	10.38	4.94	8.50	0.406	N/A	20.88	7.31	7.94	5.50	3/4
	215	4.00	10.38	4.94	8.50	0.406	N/A	22.38	7.31	7.94	7.00	3/4
	254U	4.00	12.38	5.94	10.00	0.531	N/A	25.06	8.12	9.81	8.25	3/4
517E	256U	4.00	12.38	5.94	10.00	0.531	N/A	26.81	8.12	9.81	10.00	3/4
	213	5.50	10.38	4.16	8.50	0.406	N/A	21.69	7.83	7.94	5.50	1
	215	5.50	10.38	4.16	8.50	0.406	N/A	23.19	7.83	7.94	7.00	1
	254U	5.50	12.38	5.16	10.00	0.531	N/A	25.88	8.63	9.81	8.25	1
	256U	5.50	12.38	5.16	10.00	0.531	N/A	22.19	7.81	7.94	5.50	1
525E	215	5.50	10.38	4.16	8.50	0.406	N/A	23.69	7.81	7.94	7.00	1
	254U	5.50	12.38	5.16	10.00	0.531	N/A	26.38	8.63	9.81	8.25	1
	256U	5.50	12.38	5.16	10.00	0.531	N/A	28.13	8.63	9.81	10.00	1
	213	6.25	10.38	4.00	8.50	0.406	N/A	23.19	8.06	7.94	5.50	1 1/2
	215	6.25	10.38	4.00	8.50	0.406	N/A	24.69	8.06	7.94	7.00	1 1/2
537E	254U	6.25	12.38	5.00	10.00	0.531	N/A	27.38	8.88	9.81	8.25	1 1/2
	256U	6.25	12.38	5.00	10.00	0.531	N/A	29.13	8.88	9.81	10.00	1 1/2
	284U	6.25	13.94	5.75	11.00	0.531	N/A	29.50	9.19	10.75	9.50	1 1/2
	213	6.25	10.38	4.00	8.50	0.406	N/A	23.69	8.06	7.94	5.50	1 1/2
	215	6.25	10.38	4.00	8.50	0.406	N/A	23.69	8.06	7.94	7.00	1 1/2
547E	254U	6.25	12.38	5.00	10.00	0.531	N/A	27.88	8.88	9.81	8.25	1 1/2
	256U	6.25	12.38	5.00	10.00	0.531	N/A	27.88	8.88	9.81	10.00	1 1/2
	284U	6.25	13.94	5.75	11.00	0.531	N/A	30.00	9.19	10.75	9.50	1 1/2
	213	6.25	10.38	4.00	8.50	0.406	N/A	24.19	8.06	7.94	5.50	1 1/2
	215	6.25	10.38	4.00	8.50	0.406	N/A	25.69	8.06	7.94	7.00	1 1/2
557E	254U	6.25	12.38	5.00	10.00	0.531	N/A	28.38	8.88	9.81	8.25	1 1/2
	256U	6.25	12.38	5.00	10.00	0.531	N/A	30.13	8.88	9.81	10.00	1 1/2
	284U	6.25	13.94	5.75	11.00	0.531	N/A	30.50	9.19	10.75	9.50	1 1/2
	286U	6.25	13.94	5.75	11.00	0.531	N/A	32.00	9.19	10.75	11.00	1 1/2
	324U	6.25	15.94	6.75	12.50	0.656	N/A	32.75	10.00	12.13	10.50	1 1/2
567E	213	6.25	10.38	4.00	8.50	0.406	N/A	25.69	8.06	7.94	5.50	2
	215	6.25	10.38	4.00	8.50	0.406	N/A	27.19	8.06	7.94	7.00	2
	254U	6.25	12.38	5.00	10.00	0.531	N/A	29.88	8.88	9.81	8.25	2
	256U	6.25	12.38	5.00	10.00	0.531	N/A	31.63	8.88	9.81	10.00	2
	284U	6.25	13.94	5.75	11.00	0.531	N/A	32.00	9.19	10.75	9.50	2
	286U	6.25	13.94	5.75	11.00	0.531	N/A	33.50	9.19	10.75	11.00	2
324U	6.25	15.94	6.75	12.50	0.656	N/A	34.25	10.00	12.13	10.50	2	

PUMP DIMENSIONS (INCHES) DIRECT COUPLED TO STANDARD C-FACE MOTOR (A-DRIVE)

500 Series pumps are available direct coupled to a NEMA C-Face foot mounted motor. This assembly, referred to as an A-Drive, ensures accurate alignment and requires less space and is less costly than a pump and motor mounted on a baseplate. This configuration is available in motor speeds of 860, 1140, & 1725 RPM.

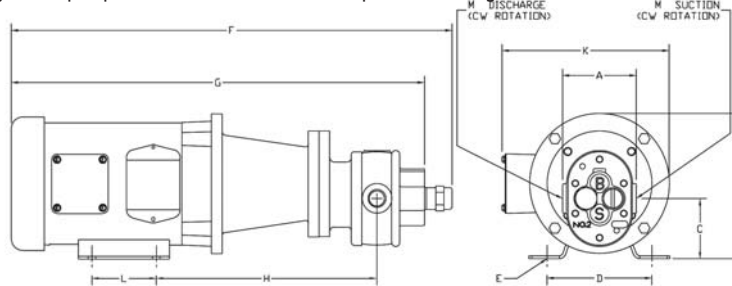


Table 4

Model	Motor Frame	A	B	C	D	E	G	H	K	L	M
507A	56C	4.00	6.88	2.88	4.88	0.34	20.19	8.93	8.31	3.00	3/4
	145TC	4.00	6.88	2.88	5.50	0.34	21.91	9.25	8.56	5.00	3/4
	182TC	4.00	8.69	3.88	7.50	0.41	23.50	10.87	9.81	4.50	3/4
	184TC	4.00	8.69	3.88	7.50	0.41	24.50	10.87	9.81	5.50	3/4
	213TC	4.00	10.25	4.63	8.50	0.41	26.41	11.75	12.16	5.50	3/4
	215TC	4.00	10.25	4.63	8.50	0.41	27.91	11.75	12.16	7.00	3/4

Table 4 Continued

Model	Motor Frame	A	B	C	D	E	G	H	K	L	M
511A	56C	4.00	6.88	2.88	4.88	0.34	20.69	8.93	8.31	3.00	3/4
	145TC	4.00	6.88	2.88	5.50	0.34	22.41	9.25	8.56	5.00	3/4
	182TC	4.00	8.69	3.88	7.50	0.41	24.00	10.87	9.81	4.50	3/4
	184TC	4.00	8.69	3.88	7.50	0.41	25.00	10.87	9.81	5.50	3/4
	213TC	4.00	10.25	4.63	8.50	0.41	26.91	11.75	12.16	5.50	3/4
	215TC	4.00	10.25	4.63	8.50	0.41	28.41	11.75	12.16	7.00	3/4
517A	56C	5.50	6.88	2.88	4.88	0.34	21.88	9.06	8.31	3.00	1
	145TC	5.50	6.88	2.88	5.50	0.34	23.60	9.38	8.56	5.00	1
	182TC	5.50	8.69	3.88	7.50	0.41	25.31	11.88	9.81	4.50	1
	184TC	5.50	8.69	3.88	7.50	0.41	26.31	11.88	9.81	5.50	1
	213TC	5.50	10.25	4.63	8.50	0.41	28.22	12.75	12.16	5.50	1
	215TC	5.50	10.25	4.63	8.50	0.41	29.72	12.75	12.16	7.00	1
525A	56C	5.50	6.88	2.88	4.88	0.34	22.38	9.06	8.31	3.00	1
	145TC	5.50	6.88	2.88	5.50	0.34	24.10	9.38	8.56	5.00	1
	182TC	5.50	8.69	3.88	7.50	0.41	25.81	11.88	9.81	4.50	1
	184TC	5.50	8.69	3.88	7.50	0.41	26.81	11.88	9.81	5.50	1
	213TC	5.50	10.25	4.63	8.50	0.41	28.72	12.75	12.16	5.50	1
	215TC	5.50	10.25	4.63	8.50	0.41	30.22	12.75	12.16	7.00	1
	254TC	5.50	12.88	5.63	10.00	0.53	32.31	13.25	16.09	8.25	1
537A	182TC	6.25	8.69	3.25	7.50	0.41	26.81	12.13	9.81	4.50	1 1/2
	184TC	6.25	8.69	3.25	7.50	0.41	27.81	12.13	9.81	5.50	1 1/2
	213TC	6.25	10.25	4.00	8.50	0.41	29.72	13.00	12.16	5.50	1 1/2
	215TC	6.25	10.25	4.00	8.50	0.41	31.22	13.00	12.16	7.00	1 1/2
	254TC	6.25	12.88	5.00	10.00	0.53	33.31	14.00	16.09	8.25	1 1/2
	256TC	6.25	12.88	5.00	10.00	0.53	35.06	14.00	16.09	10.00	1 1/2
	286TC	6.25	14.63	5.75	11.00	0.53	37.44	14.00	20.44	11.00	1 1/2
547A	182TC	6.25	8.69	3.25	7.50	0.41	27.31	12.13	9.81	4.50	1 1/2
	184TC	6.25	8.69	3.25	7.50	0.41	28.31	12.13	9.81	5.50	1 1/2
	213TC	6.25	10.25	4.00	8.50	0.41	30.22	13.00	12.16	5.50	1 1/2
	215TC	6.25	10.25	4.00	8.50	0.41	31.72	13.00	12.16	7.00	1 1/2
	254TC	6.25	12.88	5.00	10.00	0.53	33.81	14.00	16.09	8.25	1 1/2
	256TC	6.25	12.88	5.00	10.00	0.53	35.56	14.00	16.09	10.00	1 1/2
	286TC	6.25	14.63	5.75	11.00	0.53	37.44	14.00	20.44	11.00	1 1/2
557A	182TC	6.25	8.69	3.25	7.50	0.41	27.81	12.13	9.81	4.50	1 1/2
	184TC	6.25	8.69	3.25	7.50	0.41	28.81	12.13	9.81	5.50	1 1/2
	213TC	6.25	10.25	4.00	8.50	0.41	30.72	13.00	12.16	5.50	1 1/2
	215TC	6.25	10.25	4.00	8.50	0.41	32.22	13.00	12.16	7.00	1 1/2
	254TC	6.25	12.88	5.00	10.00	0.53	34.31	14.00	16.09	8.25	1 1/2
	256TC	6.25	12.88	5.00	10.00	0.53	36.06	14.00	16.09	10.00	1 1/2
	286TC	6.25	14.63	5.75	11.00	0.53	37.44	14.00	20.44	11.00	1 1/2
567A	182TC	6.75	8.69	3.25	7.50	0.41	29.88	12.13	9.81	4.50	2
	184TC	6.75	8.69	3.25	7.50	0.41	30.88	12.13	9.81	5.50	2
	213TC	6.75	10.25	4.00	8.50	0.41	32.79	13.00	12.16	5.50	2
	215TC	6.75	10.25	4.00	8.50	0.41	34.29	13.00	12.16	7.00	2
	254TC	6.75	12.88	5.00	10.00	0.53	36.38	14.00	16.09	8.25	2
	256TC	6.75	12.88	5.00	10.00	0.53	38.13	14.00	16.09	10.00	2
	286TC	6.75	14.63	5.75	11.00	0.53	39.51	14.50	14.50	11.00	2

PUMP DIMENSIONS (INCHES) BASE MOUNTED (D-DRIVE)

500 Series pumps are available as base mounted pump and motor assemblies. Each assembly includes the base, flexible coupling, coupling guard, riser blocks (if required), lifting eye-bolts, and mounting hardware. The fabricated steel or channel steel bases are available with optional features such as drip-lip construction, drain plugs, mounting lugs, casters, etc..

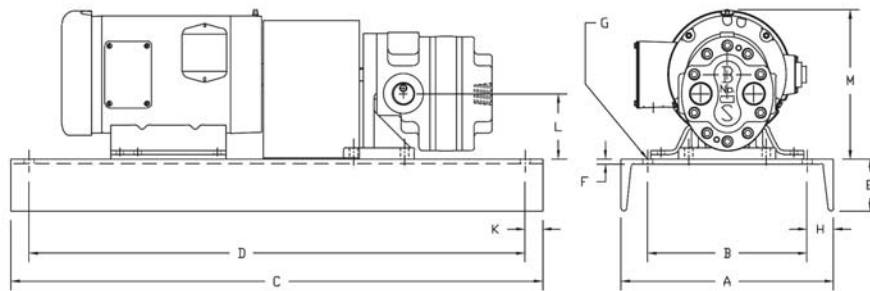


Table 5

Model	Motor Frame	A	B	C	D	E	F	G	H	K	L	M
507D	56	12.00	9.00	24.00	22.00	2.94	0.28	0.56	1.50	1.00	2.88	6.88
	145T	12.00	9.00	26.00	24.00	2.94	0.28	0.56	1.50	1.00	2.88	6.88
	182T	12.00	9.00	30.00	28.00	2.94	0.28	0.56	1.50	1.00	3.88	8.69
	184T	15.00	12.00	32.00	30.00	3.41	0.41	0.56	1.50	1.00	3.88	8.69
	213T	15.00	12.00	34.00	32.00	3.41	0.41	0.56	1.50	1.00	4.63	10.25
	215T	15.00	12.00	36.00	34.00	3.41	0.41	0.56	1.50	1.00	4.63	10.25
511D	56	12.00	9.00	24.00	22.00	2.94	0.28	0.56	1.50	1.00	2.88	6.88
	145T	12.00	9.00	26.00	24.00	2.94	0.28	0.56	1.50	1.00	2.88	6.88
	182T	12.00	9.00	30.00	28.00	2.94	0.28	0.56	1.50	1.00	3.88	8.69
	184T	15.00	12.00	32.00	30.00	3.41	0.41	0.56	1.50	1.00	3.88	8.69
	213T	15.00	12.00	34.00	32.00	3.41	0.41	0.56	1.50	1.00	4.63	10.25
	215T	15.00	12.00	36.00	34.00	3.41	0.41	0.56	1.50	1.00	4.63	10.25

Table 5 Continued

Model	Motor Frame	A	B	C	D	E	F	G	H	K	L	M
517D	56	12.00	9.00	24.00	22.00	2.94	0.28	0.56	1.50	1.00	2.88	6.88
	145T	12.00	9.00	26.00	24.00	2.94	0.28	0.56	1.50	1.00	2.88	6.88
	182T	12.00	9.00	30.00	28.00	2.94	0.28	0.56	1.50	1.00	3.88	8.69
	184T	12.00	9.00	32.00	30.00	2.94	0.28	0.56	1.50	1.00	3.88	8.69
	213T	15.00	12.00	34.00	32.00	3.41	0.41	0.56	1.50	1.00	4.63	10.25
	215T	15.00	12.00	36.00	34.00	3.41	0.41	0.56	1.50	1.00	4.63	10.25
525D	56	12.00	9.00	24.00	22.00	2.94	0.28	0.56	1.50	1.00	2.88	6.88
	145T	12.00	9.00	26.00	24.00	2.94	0.28	0.56	1.50	1.00	2.88	6.88
	182T	12.00	9.00	30.00	28.00	2.94	0.28	0.56	1.50	1.00	3.88	8.69
	184T	15.00	12.00	32.00	30.00	3.41	0.28	0.56	1.50	1.00	3.88	8.69
	213T	15.00	12.00	34.00	32.00	3.41	0.41	0.56	1.50	1.00	4.63	10.25
	215T	15.00	12.00	36.00	34.00	3.41	0.41	0.56	1.50	1.00	4.63	10.25
	254T	18.00	15.00	42.00	40.00	3.95	0.45	0.56	1.50	1.00	5.63	12.88
537D	182T	12.00	9.00	30.00	28.00	2.94	0.28	0.56	1.50	1.00	3.25	8.69
	184T	15.00	12.00	32.00	30.00	3.41	0.41	0.56	1.50	1.00	3.25	8.69
	213T	15.00	12.00	34.00	32.00	3.41	0.41	0.56	1.50	1.00	4.00	10.25
	215T	15.00	12.00	36.00	34.00	3.41	0.41	0.56	1.50	1.00	4.00	10.25
	254T	18.00	15.00	42.00	40.00	3.95	0.45	0.56	1.50	1.00	5.00	12.88
	256T	18.00	15.00	44.00	42.00	3.95	0.45	0.56	1.50	1.00	5.00	12.88
547D	182T	12.00	9.00	30.00	28.00	2.94	0.41	0.56	1.50	1.00	3.25	8.69
	184T	15.00	12.00	32.00	30.00	3.41	0.41	0.56	1.50	1.00	3.25	8.69
	213T	15.00	12.00	34.00	32.00	3.41	0.41	0.56	1.50	1.00	4.00	10.25
	215T	15.00	12.00	36.00	34.00	3.41	0.41	0.56	1.50	1.00	4.00	10.25
	254T	18.00	15.00	42.00	40.00	3.95	0.45	0.56	1.50	1.00	5.00	12.88
	256T	18.00	15.00	44.00	42.00	3.95	0.45	0.56	1.50	1.00	5.00	12.88
557D	182T	12.00	9.00	30.00	28.00	2.94	0.41	0.56	1.50	1.00	3.25	8.69
	184T	15.00	12.00	32.00	30.00	3.41	0.41	0.56	1.50	1.00	3.25	8.69
	213T	15.00	12.00	34.00	32.00	3.41	0.41	0.56	1.50	1.00	4.00	10.25
	215T	15.00	12.00	36.00	34.00	3.41	0.41	0.56	1.50	1.00	4.00	10.25
	254T	18.00	15.00	42.00	40.00	3.95	0.45	0.56	1.50	1.00	5.00	12.88
	256T	18.00	15.00	44.00	42.00	3.95	0.45	0.56	1.50	1.00	5.00	12.88
	284T	24.00	20.00	48.00	44.00	3.17	0.51	0.63	2.00	1.00	5.75	14.63
567D	182T	15.00	12.00	32.00	30.00	3.41	0.41	0.56	1.50	1.00	3.25	8.69
	184T	15.00	12.00	34.00	32.00	3.41	0.41	0.56	1.50	1.00	3.25	8.69
	213T	15.00	12.00	36.00	34.00	3.41	0.41	0.56	1.50	1.00	4.00	10.25
	215T	15.00	12.00	36.00	34.00	3.41	0.41	0.56	1.50	1.00	4.00	10.25
	254T	18.00	15.00	44.00	42.00	3.95	0.45	0.56	1.50	1.00	5.00	12.88
	256T	18.00	15.00	48.00	46.00	3.95	0.45	0.56	1.50	1.00	5.00	12.88
	286T	24.00	20.00	48.00	44.00	3.17	0.51	0.63	2.00	2.00	5.75	14.63

ORDERING INFORMATION

ORDER PUMP ONLY 713-A-B-E

ORDER PUMP & DRIVE 713-A-B-C-D-E

Pump		Drive	Assembly
A	B	C	D
Pump Model	Turning Direction	Pump Drive/Bracket	Assembly: Pump & Bracket
9502=Flange Mount Model 502 9504=Flange Mount Model 504 9507=Flange Mount Model 507 9511=Flange Mount Model 511 9517=Flange Mount Model 517 9525=Flange Mount Model 525 9537=Flange Mount Model 537 9547=Flange Mount Model 547 9557=Flange Mount Model 557 9567=Flange Mount Model 567	502= Foot Mount Model 502 504= Foot Mount Model 504 507= Foot Mount Model 507 511= Foot Mount Model 511 517=Foot Mount Model 517 525=Foot Mount Model 525 537=Foot Mount Model 537 547=Foot Mount Model 547 557=Foot Mount Model 557 567=Foot Mount Model 567	Select Model & Motor Frame From Tables 3 ,4 or 5 Example: 557A-184TC	A= Factory Assembly B= Field Assembly
	2= CW 3= CCW		

E- Options
Opt 1= Ductile Iron Casing Opt 4= Carbon Graphite Bearings Opt 8= Bronze Bearings

ORDER PUMP, DRIVE AND MOTOR 713-A-B-C-D-E-F

F
Motor
1)Specify motor speed & horsepower (see flow charts) 2) Specify voltage, frequency & enclosure rating
Please call us to discuss your motor requirements. We offer a complete range of AC & DC motors as well as variable frequency drives.