

AMT

Model 07ES05C-3P

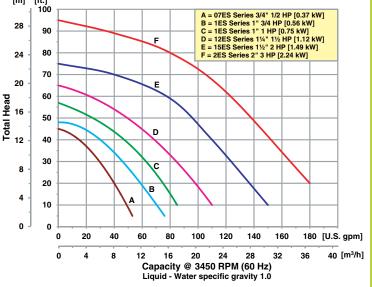
AMT Solids Handling End Suction Centrifugal pumps are designed for continuous-duty OEM, Industrial/Commercial and General Service applications including circulation, chemical processing, liquid transfer and cooling.

Pull-from-rear design for easy service without disturbing any piping. Self-cleaning impellers to prevent clogging and handles solids up to 3/8" diameter depending on the model. Pumps are close coupled to Totally Enclosed Fan Cooled (TEFC) motors. Pumps are not self-priming and require flooded suction.

# Straight Centrifugal **End Suction Chemical Pump**

- Cast Iron Construction
- EPDM/EPR Mechanical Seal and O-Rings
- Discharge Port Rotates in 45° Increments
- Solids Handling, Clog Resistant Impeller
- 1/2 to 3 HP Dual Cycle 50/60 Hz TEFC 56J NEMA Single or Three Phase Motors
- 3/4" to 2" NPT Sizes
- Maximum Working Pressure 125 PSI
- Maximum Flow 180 GPM
- Maximum Head 95 Ft. (41 PSI)
- Pull-From-Rear Design Permits Easy Servicing Without Disturbing Piping
- Multiple 1/2" NPT Drain Ports







A Gorman-Rupp Company

400 Spring Street • Royersford, PA 19468 USA

Total

#### www.amtpump.com • 888-amt-pump (268-7867)

For use with nonflammable liquids compatible with pump component materials. Viton® and Teflon® are registered trademarks of E. I. Dupont.

# A Gorman-Rupp Company

**Straight Centrifugal End Suction Chemical Pump** 

Model	Curve	HP	PH	ENC	Voltage @ 60 Hz +	Full Load Amps	SUC*	DIS*	A**	В	C**	L**	W**	H	Ship Wt. (Lbs.)
07ES05C-1P	A	1/2	1	TEFC	115-208/230	9/5	3/4	3/4	5.4 [13.8]	2.6 [6.7]	5.1 [12.9]	13.9 [35.3]	10.1 [25.7]	9.9 [25.1]	47
07ES05C-3P			3	TEFC	208-230/460	3/2			5.4 [13.8]	2.6 [6.7]	N/A	13.2 [33.5]	10.1 [25.7]	9.5 [24.1]	43
1ES07C-1P	В	3/4	1	TEFC	115-208/230	9/5	1	1	5.4 [13.8]	2.6 [6.7]	5.1 [12.9]	14.4 [36.5]	10.1 [25.7]	9.9 [25.1]	52
1ES07C-3P			3	TEFC	208-230/460	3/2			5.4 [13.8]	2.6 [6.7]	N/A	13.9 [35.3]	10.1 [25.7]	9.5 [24.1]	44
1ES10C-1P	С	1	1	TEFC	115-208/230	12/6	1	1	5.4[13.8]	2.6 [6.7]	5.1 [12.9]	14.6 [37.1]	10.1 [25.7]	9.9 [25.1]	53
1ES10C-3P			3	TEFC	208-230/460	4/2			5.4 [13.8]	2.6 [6.7]	N/A	13.2 [33.5]	10.1 [25.7]	9.5 [24.1]	48
12ES15C-1P	D	1½	1	TEFC	115-208/230	22/11	1¼	1¼	5.4 [13.8]	3.2 [8.3]	5.1 [12.9]	15.6 [39.6]	10.3 [26.1]	9.9 [25.1]	64
12ES15C-3P			3	TEFC	208-230/460	6/3			5.4 [13.8]	3.2 [8.3]	N/A	15.4 [39.1]	10.3 [26.1]	9.8 [24.9]	54
15ES20C-1P	E	2	1	TEFC	115-208/230	28/14	1½	1½	5.4 [13.8]	3.2 [8.3]	5.0 [12.7]	16.3 [41.4]	10.3 [26.1]	9.8 [24.9]	67
15ES20C-3P			3	TEFC	208-230/460	7/4			5.4 [13.8]	3.2 [8.3]	N/A	15.9 [40.4]	10.3 [26.1]	9.8 [24.9]	59
2ES30C-1P	F	3	1	TEFC	115-208/230	16	2	2	5.4 [13.8]	3.2 [8.3]	5.0 [12.7]	16.8 [42.6]	10.3 [26.1]	9.8 [24.9]	75
2ES30C-3P			3	TEFC	208-230/460	8/4			5.4 [13.8]	3.2 [8.3]	N/A	16.4 [41.6]	10.3 [26.1]	9.8 [24.9]	63

### **Pump Dimensional & Specification Data**

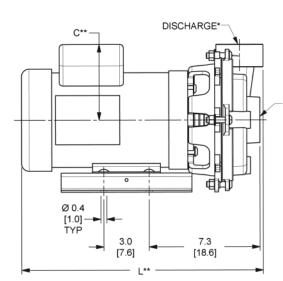
(\*) Standard NPT (Female) pipe thread.

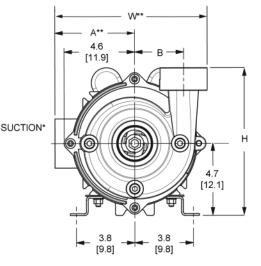
(\*\*) This dimension may vary due to motor manufacturer's specifications.

(+) 3-Phase motors can also operate on 50 Hz. (This will change full load amps, service factor and RPM)

NOTE: Dimensions are in inches (centimeters) and have a tolerance of  $\pm 1/4$ ".

NOTE: Electric supply for ALL motors must be within  $\pm 10\%$  of nameplate voltage rating (e.g. 230V  $\pm 10\% = 207$  to 253).





### Standard Features

- Cast Iron Construction
- EPDM/EPR Mechanical Seal and O-rings
- 303 Stainless Steel Motor Shaft
- NEMA 56J TEFC Single or Three
  Phase Motors
- NEMA Dual Cycle 50/60 Hz Base Mounted Motor
- Self-cleaning Impeller
- Discharge Rotates in 45° Increments
- Maximum Working Pressure 125 PSI
- Maximum Temperature 180° F
- Front Drain Plugs
- QSP–Quick Ship Pump for Many Models

Maximum Solids Handling Capacity: 3/8" Diameter

#### Hazardous Duty/Xplosion Proof motors available from stock ranging from 1 to 10 HP; CALL FOR QUOTATION & LEAD TIME!



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GORMAN-RUPP° 1212