

### PRODUCT SPECIFICATIONS

#### EVMSU(L)1-3-5-10-15-20

PUMP														
Version		EVMSU						EVMSUL						
Performance range	Nominal size	1	3	5	10	15	20	1	3	5	10	15	20	
	HP	1/2 to 25 HP												
	Capacity	2.9 to 132.1 gpm												
	Head	24.3 to 860 ft TDH												
Liquid Handling	Type of liquid	Clean water (for other clean liquids, consult factory)												
	Maximum working pressure	230 / 360 PSI (530 / 830 ft TDH)												
	Liquid temperature range	-22°F to 248°F (-30°C to 120°C)												
Size	Suction	1 1/4"			2"			1 1/4"			2"			
	Discharge	1 1/4"			2"			1 1/4"			2"			
Key Component Materials	Impeller	AISI 304 (EN 1.4301)						AISI 316 (EN 1.4401)						
	Intermediate casing	AISI 304 (EN 1.4301)						AISI 316 (EN 1.4401)						
	Liner ring	AISI 304 (EN 1.4301) + PPS						AISI 316 (EN 1.4401) + PPS						
	Bottom casing	AISI 304 (EN 1.4301)						AISI 316 (EN 1.4401)						
	Casing cover	AISI 304 (EN 1.4301)						AISI 316 (EN 1.4401)						
	Shaft	AISI 304 (EN 1.4301)	EVMSU 1-3-5, EVMSU 10-15-20 (depending on model)											
		AISI 316L (EN 1.4404)	EVMSUL 1-3-5, EVMSUL 10-15-20 (depending on model)											
		AISI 329A (EN 1.4462)	EVMSU / EVMSUL 5-15-20 (depending on model)											
	Shaft sleeve bearing	Tungsten carbide												
	Shaft Seal	Silicon Carbide / Carbon / FPM (standard)												
	O-ring	EPDM	○	○	○	○	○	○	○	○	○	○	○	○
		FPM	●	●	●	●	●	●	●	●	●	●	●	●
	Outer casing	AISI 304 (EN 1.4301)						AISI 316L (EN 1.4404)						
	Motor bracket	Cast Iron												
	Tie rod	Galvanized steel 6.8 strength class ISO 898/1												
Coupling	up to 5 HP	Die cast aluminium												
	from 7 1/2 HP	Cast Iron												
Base	Die cast aluminium													
Pipe connection	Oval flange	up to 230 PSI	○	○	○	○	○	○	○	○	○	○	○	○
	Round flange (ANSI compatible)	up to 230 PSI	●	●	●	●	●	●	●	●	●	●	●	●
		from 230 PSI to 360 PSI	●	●	●	●	●	●	●	●	●	●	●	●
	Loose round flange (ANSI compatible)	up to 230 PSI	○	○	○	○	○	○	○	○	○	○	○	○
		from 230 PSI to 360 PSI	○	○	○	○	○	○	○	○	○	○	○	○
	victaulic	up to 230/360 PSI	○	○	○	○	○	○	○	○	○	○	○	○
Clamp	up to 230/360 PSI	○	○	○	○	○	○	○	○	○	○	○	○	
Motor	Type	NEMA C/TC/TSC frame, TEFC enclosure												
	Speed	2-pole, 60 Hz, 3500 RPM												
	Power Requirements	3 Phase, 230/460V or 208-230/460V - Single Phase, 115/230V												
	Direction of Rotation	Clockwise when viewed from motor end												
	Motor Options	Consult factory for optional motor types												

Legend: ● Standard ○ Options

### PRODUCT SPECIFICATIONS

**EVMUG 32, 45, 64**

**EVMUL 32, 45, 64**

	<b>EVMUG</b>	<b>EVMUL</b>
<b>Size</b>		
Suction	ANSI compatible raised face 2 ½" for EVMUG32 3" for EVMUG45 4" for EVUMG64	
Discharge	ANSI compatible raised face 2 ½" for EVMUG32 3" for EVMUG45 4" for EVUMG64	
<b>Range of HP</b>	5 to 50HP	
<b>Range of Performance</b>	at 3450 RPM	
Capacity	66 to 390 GPM	
Head	44 to 930 feet	
<b>Liquid handled</b>		
Type of liquid	Clean water ( <i>for other clean liquids, consult factory</i> )	
Temperature	5° to +248°F (-15° to 120°C)	
Working pressure	to 440 PSI (30 Bar) max. ( <i>see page 21 for specifics</i> )	
<b>Materials</b>		
Impeller	AISI 304	AISI 316
Intermediate casing	AISI 304	AISI 316
Bottom casing	Cast iron	AISI 316
Casing cover	Cast iron	AISI 316
Outer casing	AISI 304	AISI 316
Shaft	AISI 316	AISI 316
Liner ring	PTFE/AISI 316	
Motor bracket	Cast iron	Cast iron/316
Base	Cast iron	Cast iron/316
Pump Bearing	Thrust Bearing : Sealed Ball Bearing Radial Bearing in wet end: Tungsten Carbide	
Shaft Seal		
Mechanical seal	Silicon/Carbide/Carbon/FPM	
<b>Motor</b>		
Type	NEMA TC/TSC frame	<i>Consult factory for optional motor types</i>
Speed	60 Hz, 3450 RPM (2 poles)	
Three Phase	208-230/460V	
<b>Direction of Rotation</b>	Clockwise when viewed from motor end	
<b>Test standard</b>	ISO 9906 annex A	

**Note:** Models EVMSU/EVMSUL 1-20 and EVMUG/EVMUL 32-64 certified to NSF/ANSI 61 & 372.