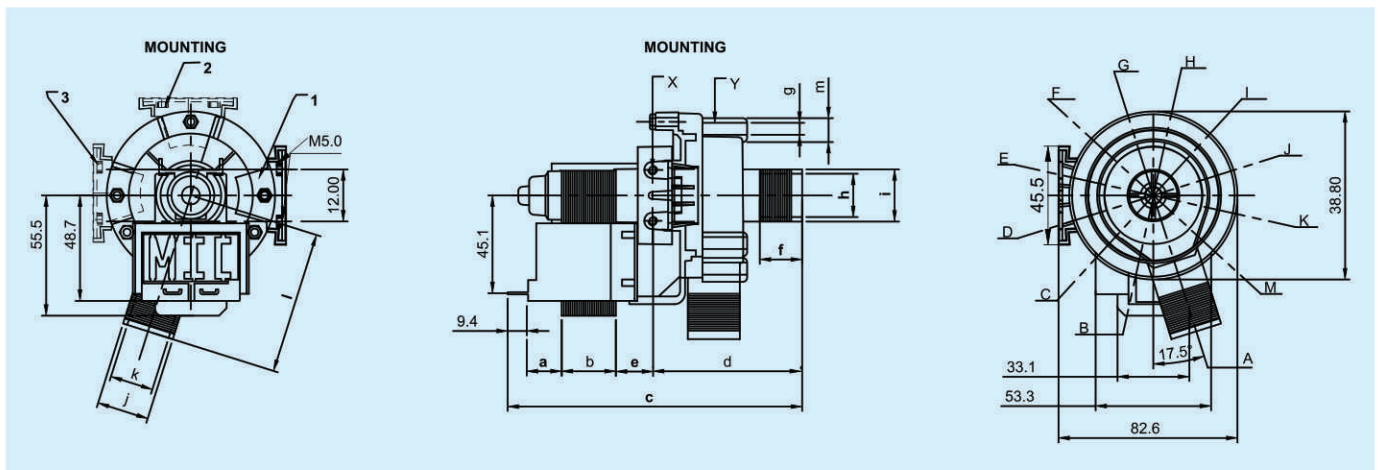


# SYNCHRONOUS PUMP



SYNCHRONOUS PUMP

Model	a	b	c	d	e	f	g	h	i	j	k	l	m	Mounting
64S15/2T-XA-WP	20.5	15	136	69	25.9	19.5	-	20	24.1	24	20	66	-	X
64S25/2T-YA-BM1	15.5	25.9	136.6	-	-	-	Ø4.7	29.2	32	31	25.6	65.4	9.0	Y
64S40/2T-XA-BN1	15.5	40	150	69	16.9	17.3	-	34	39	39	23	80	-	X
64S25/1T-YA-BM2	15.5	25	136.6	-	-	-	Ø4.7	29.2	32	31	25.6	65.4	9	Y
64S40/1T-XA-BN2	15.5	40	150	69	16.9	17.3	-	34	39	39	23	80	-	X
64S25/2T-YA-BM3	15.5	25.9	136.6	-	-	-	Ø4.7	29.2	32	31	25.6	65.4	9.0	Y



# SYNCHRONOUS PUMP

## FUNCTIONAL PERFORMANCE

Operating Voltage	Pressure(bars)			Flow Rate (Lit./min.)		
	64S40-BN1	64S25-BM1	64S15-WP	64S40-BN1	64S25-BM1	64S15-WP
230 V±15% / 50 Hz	0.05	0.05	0.03	36	26	15.5
	0.10	0.10	0.04	34	22	14.1
	0.15	0.15	0.05	32.5	16	11.5
	0.20	0.18	0.06	31	02	8.5
	0.25			29		
Operating Voltage	Pressure(bars)		Flow Rate (Lit./min.)			
	64S40-BN2	64S25-BM2	64S40-BN2	64S25-BM2		
120 V±10% / 60 Hz	0.05	0.04	36	25		
	0.10	0.06	34	24		
	0.15	0.08	32.5	24		
	0.20	0.10	31	22		
	0.25		29			

## ELECTRICAL PERFORMANCE

MODEL NO.	Nominal Voltage	Low Voltage Operation	Input Power	HVAC	Insulation Resistance	Insulation Class	Temp. Rise	Block rotor test
MSYP2020NN64S15/2T-XA-WP	230 V ±15%, 50Hz	170 V max.	15 W	1800 VAC/ 1 mA/ 1 sec.	> 100 MΩ @ 500 VDC	CLASS B	<70°C	Coil withstand 30 min. @ operating voltage
MSYP3025NN64S25/2T-YA-BM1	230 V ±15%, 50Hz	170 V max.	25 W					
MSYP3523NN64S40/2T-XA-BN1	230 V ±15%, 50Hz	170 V max.	75 W					
MSYP3025NN64S25/1T-YA-BM2	120 V ±10%, 60Hz	95 V max.	27 W					
MSYP3523NN64S40/1T-XA-BN2	120 V ±10%, 60Hz	95 V max.	64 W					
MSYP3523NN64S25/2T-YA-BM3	230 V ±15%, 60Hz	170 V max.	25 W					

## ENVIRONMENTAL PERFORMANCE

<b>Temp. &amp; Humidity</b> 10 to 50°C & 40±5°C, 90±5% RH, 168 hrs.	<b>Drop Test</b> 50 cm in original packing	<b>Vibration</b> 10 min./plane, ≤15 Hz, 2mm amplitude	<b>Bump Test</b> 2000 bump/ axis@ 40 G @ 2-3 bumps/sec.
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# Life (ON/OFF cycling) >20000 cycles

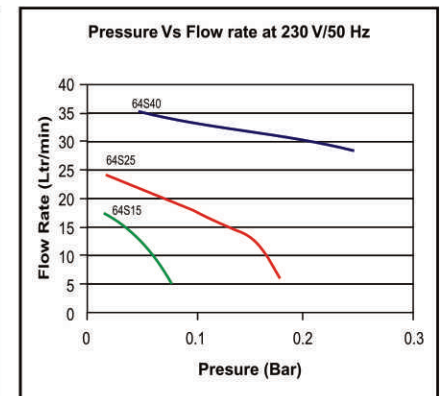
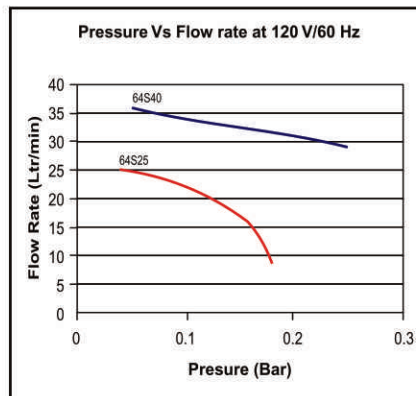
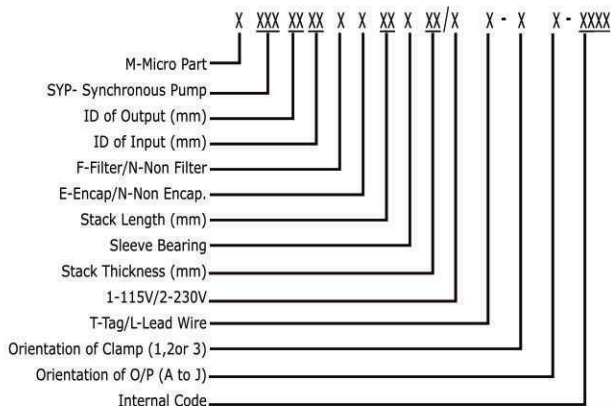
# VARIOUS OUTLET POSITIONS AVAILABLE WITH ROTATION OF 30° ANGLE.

# LEAK PROOF > 0.2 KG/CM<sup>2</sup> AT RATED VOLTAGE.

# OPTIMUM PERFORMANCE @ RATED VOLTAGE ± 15%

# SYNCHRONOUS MOTOR.

## INSULATION CLASS - B



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