

Model / SJMS

End-suction Centrifugal Pump (Stainless)

Application

➤ **Heating, Ventilation and Air-Conditioning**

Build-in for machinery, Boilers, Induction Heating,

Heat Exchangers, Cooling tower and Systems,

Temperature Control Systems

➤ **Water Supply**

Industrial Water Supply

Supply of Water Network and Station

➤ **Water Treatment**

Water Softeners and De-mineralization,

Reverse Osmosis Systems, Distillation Systems

➤ **Irrigation and Agriculture**

Greenhouses, Field Irrigation



Identification Code

SJMS 40 × 32 - 5 1.5
① ② ③ ④ ⑤

① Model

② Suction Size (mm)

③ Discharge Size (mm)

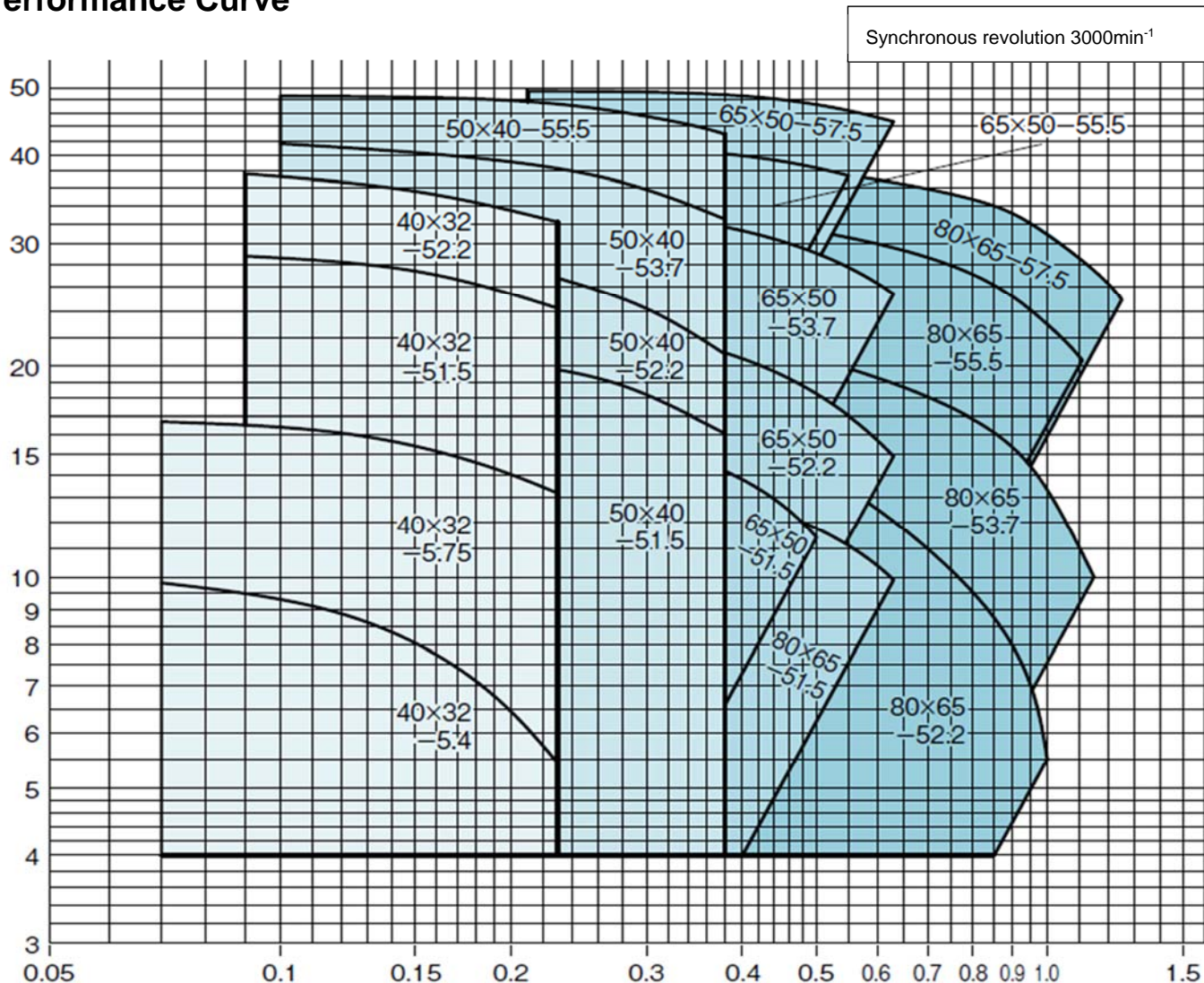
④ Frequency (Hz)

⑤ Rated Power (kW)

Standard Specification

Liquid	Kind	Fresh Water
	Temperature	0 to 80°C
Total Suction Head		-6m (20°C)
Max. Suction Press.		Refer to Specification Table
Structure	Impeller	Closed
	Bearing	Sealed Ball Bearing
	Shaft Seal	Mechanical Seal (Ceramic/Carbon)
Material	Impeller	SCS13 (Stainless Casting)
	Shaft	SUS304 (Stainless Steel)
	Casing	SCS13 (Stainless Casting)
Motor		Totally Enclosed Fan cooled Motor
Flange Rating		JIS 10K

Performance Curve



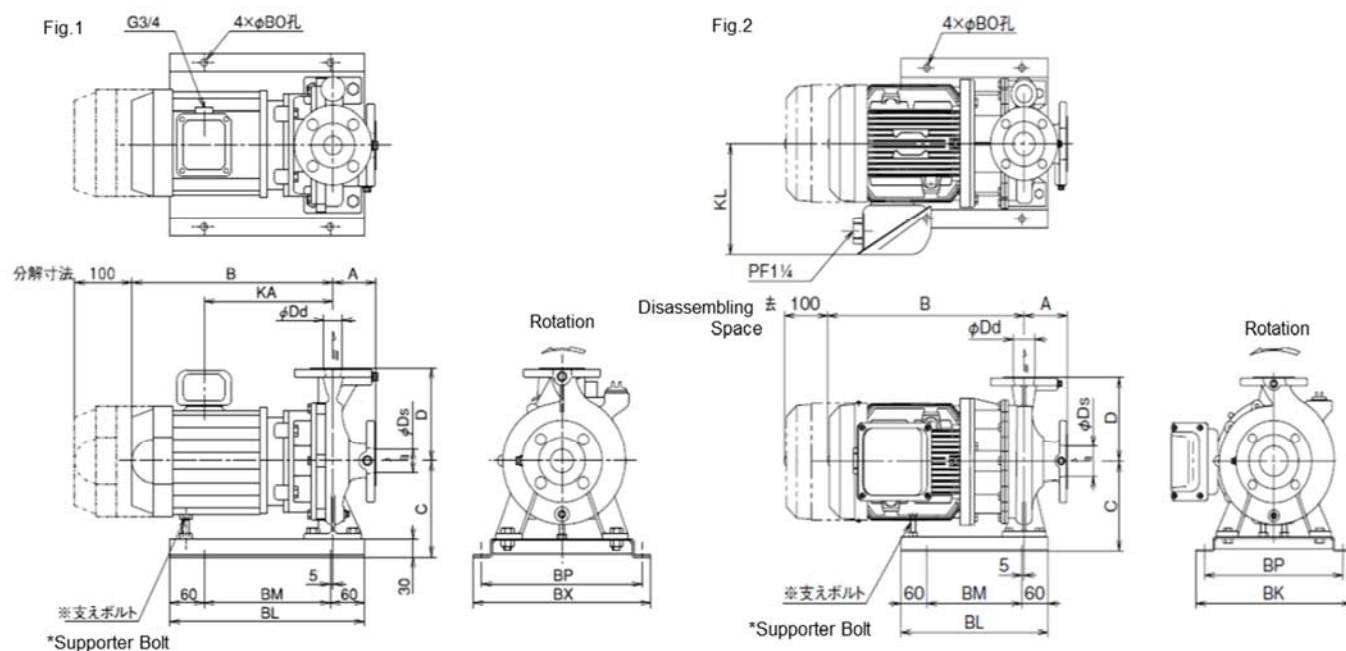
Specification Table

Size		Model	Output (kW)	Specification						Max.Suc.Press.(MPa)
Suc.	Dis.			Cap.(m³/min)	Head(m)	Cap.(m³/min)	Head(m)	Cap.(m³/min)	Head(m)	
40	32	SJMS-40X32-5.4	0.4	0.07	9.8	0.15	8.0	0.23	5.4	0.59
		SJMS-40X32-5.75	0.75	0.07	16.7	0.15	15.4	0.23	13.2	0.59
		SJMS-40X32-51.5	1.5	0.09	28.8	0.15	27.4	0.23	24.2	0.59
		SJMS-40X32-52.2	2.2	0.09	37.7	0.15	35.6	0.23	32.2	0.58
50	40	SJMS-50X40-51.5	1.5	0.12	20.9	0.25	19.4	0.38	16.0	0.59
		SJMS-50X40-52.2	2.2	0.10	30.4	0.25	26.0	0.38	20.8	0.59
		SJMS-50X40-53.7	3.7	0.10	41.6	0.25	37.7	0.38	32.5	0.54
		SJMS-50X40-55.5	5.5	0.10	48.6	0.21	47.7	0.31	45.2	0.50
65	50	SJMS-65X50-51.5	1.5	0.21	16.7	0.42	13.0	0.50	10.9	0.59
		SJMS-65X50-52.2	2.2	0.21	23.2	0.42	19.6	0.63	14.4	0.59
		SJMS-65X50-53.7	3.7	0.21	33.9	0.42	30.4	0.63	24.5	0.59
		SJMS-65X50-55.5	5.5	0.21	41.4	0.42	39.7	0.55	37.4	0.58
		SJMS-65X50-57.5	7.5	0.21	49.4	0.42	48.4	0.63	44.7	0.50
80	65	SJMS-80X65-51.5	1.5	0.21	14.3	0.42	12.6	0.63	9.9	0.59
		SJMS-80X65-52.2	2.2	0.42	15.7	0.84	8.9	1.00	5.5	0.59
		SJMS-80X65-53.7	3.7	0.42	21.5	0.84	16.3	1.15	10.0	0.59
		SJMS-80X65-55.5	5.5	0.42	32.1	0.84	26.4	1.11	20.4	0.59
		SJMS-80X65-57.5	7.5	0.42	38.9	0.84	34.1	1.25	24.9	0.59

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Dimensions



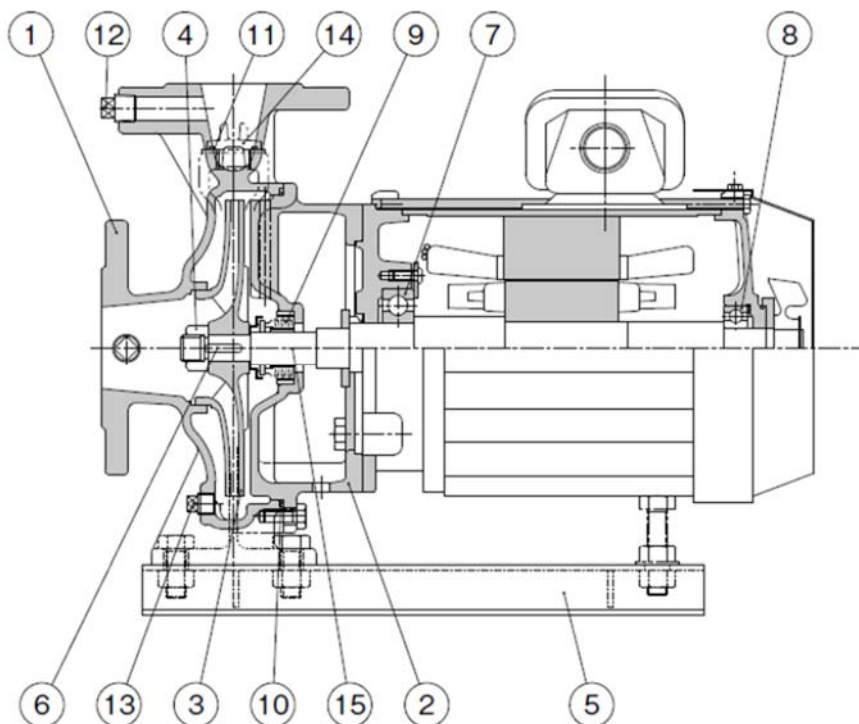
(Unit : mm)

Size		Model	Output (kW)	Fig.	A	B	C	D	KA	KL	BD	BM	BL	BP	BX	Mass. (kg)
Suc.	Dis.															
40	32	SJMS-40X32-5.4	0.4	1	65	271	142	140	185	-	12	180	300	230	260	25
		SJMS-40X32-5.75	0.75	1	65	276	142	140	170	-	12	180	300	230	260	27
		SJMS-40X32-51.5	1.5	1	75	351	162	160	225	-	12	220	340	280	310	35
		SJMS-40X32-52.2	2.2	1	75	351	162	160	225	-	12	220	340	280	310	37
50	40	SJMS-50X40-51.5	1.5	1	80	313	142	140	190	-	12	180	300	230	260	29
		SJMS-50X40-52.2	2.2	1	80	351	162	160	225	-	12	220	340	280	310	40
		SJMS-50X40-53.7	3.7	1	80	400	162	160	255	-	12	220	340	280	310	50
		SJMS-50X40-55.5	5.5	2	80	455	190	180	-	237	12	220	340	280	310	66
80	65	SJMS-65X50-51.5	1.5	1	80	357	142	140	236	-	12	180	300	230	260	37
		SJMS-65X50-52.2	2.2	1	80	357	142	140	236	-	12	180	300	230	260	39
		SJMS-65X50-53.7	3.7	1	80	406	162	160	261	-	12	220	340	280	310	50
		SJMS-65X50-55.5	5.5	2	100	455	190	180	-	237	15	220	340	320	360	68
		SJMS-65X50-57.5	7.5	2	100	493	190	180	-	237	15	220	340	320	360	73
80	65	SJMS-80X65-51.5	1.5	1	100	366	162	160	245	-	12	220	340	280	310	41
		SJMS-80X65-52.2	2.2	1	100	366	162	160	245	-	12	220	340	280	310	43
		SJMS-80X65-53.7	3.7	1	100	415	162	160	270	-	12	220	340	280	310	52
		SJMS-80X65-55.5	5.5	2	100	455	190	180	-	237	15	220	340	320	360	70
		SJMS-80X65-57.5	7.5	2	100	493	190	180	-	237	15	220	340	320	360	85

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Sectional View



	Parts Name	Q'ty	Material
1	Casing	1	Stainless Casting (SCS13)
2	Casing Cover	1	Stainless Casting (SCS13)
3	Impeller	1	Stainless Casting (SCS13)
4	Impeller Nut	1	Stainless (SCS13 or SUS304)
5	Common Base	1	Steel (SS400)
6	Impeller Key	1	Stainless Steel (SUS304)
7	Ball Bearing	1	Bearing Steel (SUJ2)
8	Ball Bearing	1	Bearing Steel (SUJ2)
9	Shaft Seal	1	Mechanical Seal (Ceramic/Carbon)
10	O-ring	1	NBR / Rubber
11	O-ring	1	NBR / Rubber
12	Plug	2	Stainless Steel (SUS304)
13	Plug	1	Stainless Steel (SUS304)
14	Priming Plug	1	Stainless Casting (SCS13)
15	Motor Shaft	1	Stainless Steel (SUS304)