15W

INDUCTION SPEED CONTROL MOTOR
□80㎜ LEAD WIRE TYPE

SPECIFICATION OF SR TYPE SPEED CONTROL MOTORS

SIZE mm sq.	Motor Type	Controller Type	Poles	Output	Voltage	Freq.	Duty	Speed Range	Permissible Torque at 1200rpm		Permissible Torque at 90rpm		Starting Torque		Cap.
				(W)	(V)	(Hz)		(rpm)	(kg-cm)	(N-m)	(kg-cm)	(N-m)	(kg-cm)	(N-m)	(μF)
80	S8I15GA-S12 S8I15GA-S12(TP) S8I15GA-S12CE	SRA02 SRA02CE	4	15	1Ø 110	60	Cont.	90-1700	1.50	0.150	0.35	0.035	0.75	0.075	4.0
	S8I15GB-S12 S8I15GB-S12(TP) S8I15GB-S12CE	SRB02 SRB02CE	4	15	1Ø 220	60	Cont.	90-1700	1.50	0.150	0.35	0.035	0.75	0.075	1.0
	S8I15GC-S12 S8I15GC-S12(TP) S8I15GC-S12CE	SRC02 SRC02CE	4	15	1Ø 100	50	Cont.	90-1400	1.20	0.120	0.32	0.032	0.60	0.060	4.0
						60		90-1700	1.00	0.100					
	S8I15GD-S12 S8I15GD-S12(TP) S8I15GD-S12CE	SRD02 SRD02CE	4	15	1Ø 200	50	Cont.	90-1400	1.20	0.120	0.32	0.032	0.60	0.060	1.0
						60		90-1700	1.00	0.100					
	S8I15GX-S12 S8I15GX-S12CE	SRX02 SRX02CE	4	15	1Ø 220	50	Cont.	90-1400	1.20	0.120	0.35	0.035	0.55	0.055	1.0
					1Ø 240				1.40	0.140	0.35	0.035	0.60	0.060	

❖ CE marked at the end of motor model name indicates that it is thermally protected type which has received CE.
❖ SR type controller model with "CE" appeared at the end of motor model name indicates that the product acquired CE MARK certification.
❖ TP marked at the end of the motor model name indicates that it is standard motor with Thermal Protector mounted.
S8I15GX-S12, S8I15GX-S12CE is thermally protected type with TP mounted.
❖ "L" or "H" type does not apply to motors under 40W.

SPECIFICATION OF SS TYPE SPEED CONTROL MOTORS

SIZE mm sq.	Motor Type	Controller Type	Poles	Output	Voltage	Freq.	Duty	Seed Range	Permissible Torque at 1200rpm		Permissible Torque at 90rpm		Starting Torque		Cap.
				(W)	(V)	(Hz)		(rpm)	(kg-cm)	(N-m)	(kg-cm)	(N-m)	(kg-cm)	(N-m)	(μF)
80	S8I15GA-S24 S8I15GA-S24(TP) S8I15GA-S24CE	SSA02-SRSS SSA03-SRSS	4	15	1Ø 110	60	Cont.	90-1700	1.50	0.150	0.35	0.035	0.75	0.075	4.0
	S8I15GB-S24 S8I15GB-S24(TP) S8I15GB-S24CE	SSB02-SRSS SSB03-SRSS	4	15	1Ø 220	60	Cont.	90-1700	1.50	0.150	0.35	0.035	0.75	0.075	1.0
	S8I15GC-S24 S8I15GC-S24(TP) S8I15GC-S24CE	SSC02-SRSS SSC03-SRSS	4	15	1Ø 100	50	Cont.	90-1400	1.20	0.120	0.32	0.032	0.60	0.060	4.0
						60		90-1700	1.00	0.100					
	S8I15GD-S24 S8I15GD-S24(TP) S8I15GD-S24CE	SSD02-SRSS SSD03-SRSS	4	15	1Ø 200	50	Cont.	90-1400	1.20	0.120	0.32	0.032	0.60	0.060	1.0
						60		90-1700	1.00	0.100					
	S8I15GX-S24 S8I15GX-S24CE	SSX02-SRSS SSX03-SRSS	4	15	1Ø 220	50	Cont.	90-1400	1.20	0.120	0.35	0.035	0.55	0.055	1.0
					1Ø 240				1.40	0.140	0.35	0.035	0.60	0.060	

❖ CE marked at the end of motor model name indicates that it is thermally protected type which has received CE.
❖ TP marked at the end of the motor model name indicates that it is standard motor with Thermal Protector mounted.
S8I15GX-S24, S8I15GX-S24CE is thermally protected type with TP mounted.
❖ "L" or "H" type does not apply to motors under 40W.

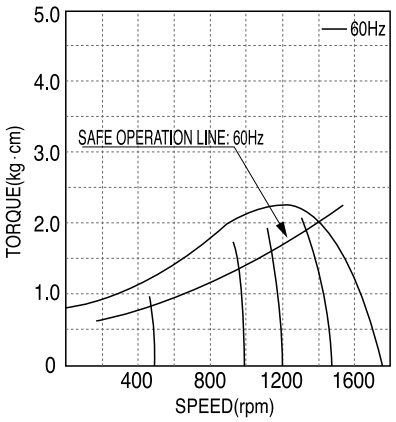
50Hz

MODEL \ GEAR RATIO		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
	rpm	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10	8	7.5
S8KA□B	kg-cm	3.4	4.1	5.7	6.8	8.5	10.2	11.3	14.2	17.0	20.4	20.4	25.6	30.7	36.8	40.9	46.2	55.4	69.2	80	80	80	80	80	80
	N·m	0.333	0.402	0.559	0.666	0.833	1.000	1.107	1.392	1.666	1.999	1.999	2.509	3.009	3.606	4.008	4.530	5.433	6.786	7.840	7.840	7.840	7.840	7.840	7.840

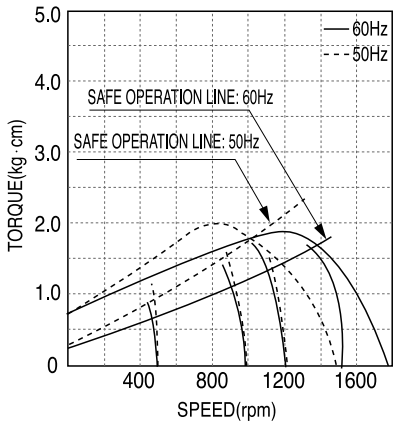
60Hz

MODEL \ GEAR RATIO		3	3.6	5	6	7.5	9	10	12.5	15	18	20	25	30	36	40	50	60	75	90	100	120	150	180	200
	rpm	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10	9
S8KA□B	kg-cm	2.9	3.5	4.9	5.8	7.3	8.7	9.7	12.2	14.6	17.5	17.5	21.9	26.3	31.5	35.0	39.6	47.5	59.4	71.3	79.2	80	80	80	80
	N·m	0.284	0.343	0.481	0.568	0.715	0.853	0.951	1.196	1.432	1.715	1.715	2.146	2.577	3.087	3.430	3.881	4.658	5.825	6.992	7.767	7.840	7.840	7.840	7.840

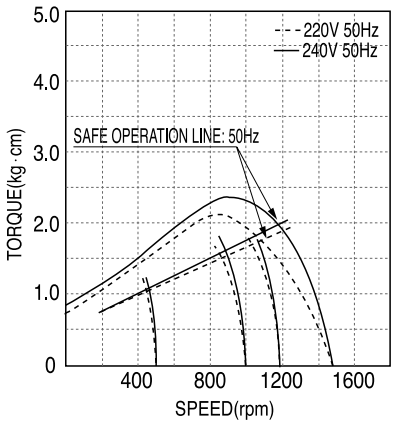
❖ The code in □ of gearhead model is for gear ratio.
❖ It is the permissible torque of the assembled motor and gearhead.
❖ The permissible torque of the motor and inter-decimal gearhead is 80 kg-cm.
❖ ■ color indicates that the output shaft of the geared motor rotates in the same direction as the output shaft of the motor.
Others indicate rotation in the opposite direction.
❖ Rpm is based on synchronous speed (50Hz: 1500rpm, 60Hz: 1800rpm) divided by gear ratio.
The actual rotation speed can be 2~20% less than displayed value depending on the load.
❖ "L" or "H" type does not apply to motors under 40W.



▲ S8I15GA-S12 S8I15GA-S24
S8I15GA-S12(TP) S8I15GA-S24(TP)
S8I15GA-S12CE S8I15GA-S24CE
S8I15GB-S12 S8I15GB-S24
S8I15GB-S12(TP) S8I15GB-S24(TP)
S8I15GB-S12CE S8I15GB-S24



▲ S8I15GC-S12 S8I15GC-S24
S8I15GC-S12(TP) S8I15GC-S24(TP)
S8I15GC-S12CE S8I15GC-S24CE
S8I15GD-S12 S8I15GD-S24
S8I15GD-S12(TP) S8I15GD-S24(TP)
S8I15GD-S12CE S8I15GD-S24



▲ S8I15GX-S12 S8I15GX-S24
S8I15GX-S12CE S8I15GX-S24CE