

15W

INDUCTION SPEED CONTROL MOTOR
□80㎜ CONNECTOR TYPE

SIZE mm sq.	Motor Type	Controller Type	Poles	Output (W)	Voltage (V)	Freq. (Hz)	Duty	Speed Range (rpm)	Permissible Torque at 1200rpm (kg-cm)	Permissible Torque at 1200rpm (N-m)	Permissible Torque at 90rpm (kg-cm)	Permissible Torque at 90rpm (N-m)	Starting Torque (kg-cm)	Starting Torque (N-m)	Cap. (μF)
80	S8I15GA-V12 S8I15GA-V12(TP) S8I15GA-V12CE	SUA15IA-V12	4	15	1Ø 110	60	Cont.	90-1700	1.50	0.150	0.35	0.035	0.75	0.075	4.0
	S8I15GB-V12 S8I15GB-V12(TP) S8I15GB-V12CE	SUA15IB-V12	4	15	1Ø 220	60	Cont.	90-1700	1.50	0.150	0.35	0.035	0.75	0.075	1.0
	S8I15GC-V12 S8I15GC-V12(TP) S8I15GC-V12CE	SUA15IC-V12	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-V12 S8I15GD-V12(TP) S8I15GD-V12CE	SUA15ID-V12	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-V12 S8I15GX-V12CE	SUA15IX-V12	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	

❖ 기종명 맨 끝자리에 CE가 명기된 MOTOR MODEL의 인증 관련 내용은 SPG 규격 인증품 현황을 참고하여 주십시오. (CE marked at the end of motor model name indicates that it is impedance protected type which has received CE.)
❖ 기종명 맨 끝자리에 (TP)가 명기된 MOTOR MODEL은 일반 MOTOR의 TP가 내장된 THERMALLY PROTECTED TYPE입니다. 또한 기종명 S8I15GX-V12, S8I15GX-V12CE는 TP가 내장된 THERMALLY PROTECTED TYPE 입니다. (TP marked at the end of the motor model name indicates that it is standard motor with Thermal Protector mounted. S8I15GX-V12, S8I15GX-V12CE is thermally protected type with TP mounted.)
❖ 'L' Type 전용으로 기종명에 표시하지 않습니다. ("L" or "H" type does not apply to motors under 40W.)

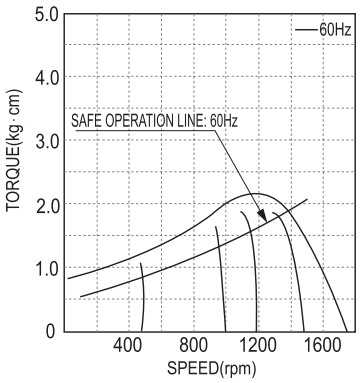
50Hz

GEAR RATIO / MODEL		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

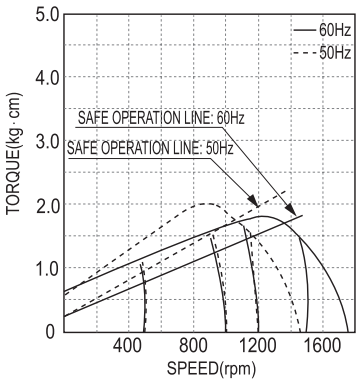
60Hz

GEAR RATIO / MODEL		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

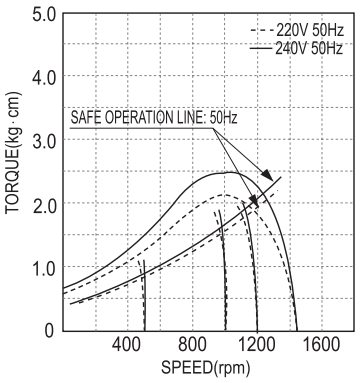
❖ GEAR HEAD 품명 중 □은 감속비를 표시합니다. (The code in □ of gearhead model is for gear ratio.)
❖ GEAR HEAD와 조합한 경우의 허용 TORQUE입니다. (It is the permissible torque of the assembled motor and gearhead.)
❖ 감속비 1/10의 중간 GEAR HEAD를 접속한 경우의 허용 TORQUE는 80㎏-㎝입니다. (The permissible torque of the motor and inter-decimal gearhead is 80 kg-cm.)
❖ 회전방향은 ■색이 MOTOR의 회전방향과 동일방향이고, 기타는 MOTOR 회전방향과 반대방향입니다. (■ 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.)
❖ 회전수는 MOTOR의 동기 회전수(50Hz : 1500rpm, 60Hz : 1800rpm)를 기준으로 하여 감속비로 나누어서 계산하였습니다. 실제의 회전수는 부하의 크기에 따라서 표시된 수치보다 2~20% 적습니다. (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' Type 전용으로 기종명에 표시하지 않습니다. ("L" or "H" type does not apply to motors under 40W.)



▲ S8I15GA-V12 S8I15GB-V12
S8I15GA-V12(TP) S8I15GB-V12(TP)
S8I15GA-V12CE S8I15GB-V12CE



▲ S8I15GC-V12 S8I15GD-V12
S8I15GC-V12(TP) S8I15GD-V12(TP)
S8I15GC-V12CE S8I15GD-V12CE



▲ S8I15GX-V12
S8I15GX-V12CE