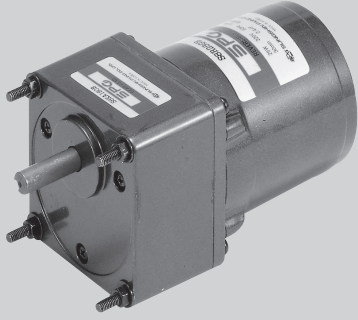


Powermec



15W

REVERSIBLE MOTOR □ 70mm LEAD WIRE TYPE

SIZE mm sq.	Type	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load				Starting Torque		Capacitor (uF)
							Current (A)	Speed (rpm)	Torque (kg-cm) (N-m)		(kg-cm)	(N-m)	
70	S7R15GA S7R15GA(TP) S7R15GACE	4	15	1 ∅ 110	60	30min.	0.44	1550	1.00	0.100	1.10	0.110	6.0
	S7R15GB S7R15GB(TP) S7R15GBCE	4	15	1 ∅ 220	60	30min.	0.22	1550	1.00	0.100	1.10	0.110	1.5
	S7R15GC S7R15GC(TP) S7R15GCCE	4	15	1 ∅ 100	50	30min.	0.42	1200	1.25	0.125	0.90	0.090	6.0
	60				0.42		1500	1.00	0.100	0.90	0.090		
	S7R15GD S7R15GD(TP) S7R15GDCE	4	15	1 ∅ 200	50	30min.	0.21	1200	1.25	0.125	0.90	0.090	1.5
	60				0.21		1500	1.00	0.100	0.90	0.090		
	S7R15GE S7R15GECE	4	15	1 ∅ 100	50	30min.	0.37	1200	1.25	0.125	0.95	0.095	6.0
	60				0.41		1500	1.00	0.100	4.5			
	1 ∅ 115				60		0.35	1550	1.00	0.100			
	S7R15GX S7R15GXCE	4	15	1 ∅ 220	50	30min.	0.17	1200	1.25	0.125	0.90	0.090	1.2
	1 ∅ 240						0.18		1.45	0.145	1.10	0.110	

- ❖ S7R15GE is UL approved (UL FILE No. E172720) thermally protected type.
- ❖ Appropriate capacitors shall be used according to the voltage for S7R15GE type since the size of the capacitor differs by different voltages. Malfunction may occur when not used properly. Capacitor for 115V will be delivered otherwise the required voltage is informed.
- ❖ CE marked at the end of model name indicates that it is thermally protected type which has received CE with built-in TP. S7R15GECE is available only for 115V specification.
- ❖ TP marked at the end of the model name indicates that it is standard motor with Thermal Protector mounted. S7R15GE, S7R15GX is thermally protected type with TP mounted.
- ❖ Data is measured with friction brake mounted.
- ❖ "L" or "H" type does not apply to motors under 40W.

50Hz

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	
	MODEL	rpm	500	416	300	250	200	166	150	120	100	83	75	60	50	41	37	30	25	20	16	15	12	10	8
S7KA□B	kg-cm	3.2	3.9	5.4	6.5	8.1	9.7	10.8	13.5	16.2	19.4	19.4	24.2	29.1	34.9	38.8	43.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	N-m	0.314	0.382	0.530	0.637	0.794	0.951	1.059	1.324	1.587	1.902	1.902	2.373	2.854	3.423	3.805	4.276	4.900	4.900	4.900	4.900	4.900	4.900	4.900	4.900

60Hz

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	
	MODEL	rpm	600	500	360	300	240	200	180	144	120	100	90	72	60	50	45	36	30	24	20	18	15	12	10
S7KA□B	kg-cm	3.0	3.6	5.1	6.1	7.6	9.1	10.1	12.7	15.2	18.2	18.2	22.8	27.3	32.8	36.5	41.0	49.2	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	N-m	0.294	0.353	0.500	0.598	0.745	0.892	0.990	1.245	1.491	1.785	1.785	2.236	2.677	3.217	3.579	4.021	4.825	4.900	4.900	4.900	4.900	4.900	4.900	4.900

- ❖ 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 50 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.

