40W

INDUCTION MOTOR
□90mm LEAD WIRE TYPE

SIZE mm sq.	Type	Poles	Output (W)	Voltage (V)	Frequency (Hz)	Duty	Rated Load Current (A)	Rated Load Speed (rpm)	Rated Load Torque (kg-cm)	Rated Load Torque (N-m)	Starting Torque (kg-cm)	Starting Torque (N-m)	Capacitor (uF)
90	S9I40GA( ) S9I40GA( )(TP) S9I40GA( )CE	4	40	1φ110	60	Cont.	0.82	1600	2.50	0.250	2.90	0.290	10.0
	S9I40GB( ) S9I40GB( )(TP) S9I40GB( )CE	4	40	1φ220	60	Cont.	0.41	1600	2.50	0.250	2.90	0.290	2.5
	S9I40GC( ) S9I40GC( )(TP) S9I40GC( )CE	4	40	1φ100	50	Cont.	0.80	1300	3.10	0.310	2.40	0.240	10.0
					60		0.85	1550	2.60	0.260			
	S9I40GD( ) S9I40GD( )(TP) S9I40GD( )CE	4	40	1φ200	50	Cont.	0.41	1300	3.10	0.310	2.40	0.240	2.5
					60		0.43	1550	2.60	0.260			
	S9I40GE( ) S9I40GE( )CE	4	40	1φ100	50	Cont.	0.82	1300	3.10	0.310	2.40	0.240	10.0
					60		0.85	1550	2.60	0.260			
				1φ115	60		0.91	1550	2.60	0.260			8.0
	S9I40GX( ) S9I40GX( )CE	4	40	1φ220	50	Cont.	0.34	1250	3.15	0.315	1.80	0.180	2.0
				1φ240			0.37		3.35	0.335	2.10	0.210	
	S9I40GU( ) S9I40GU( )CE	4	40	3φ200	50	Cont.	0.36	1300	3.10	0.310	6.30	0.630	—
					60		0.33	1550	2.60	0.260	5.20	0.520	
	S9I40GT( ) S9I40GT( )CE	4	40	3φ220	50	Cont.	0.39	1350	3.00	0.300	7.60	0.760	—
					60		0.33	1600	2.50	0.250	6.10	0.610	
	S9I40GS( ) S9I40GS( )CE	4	40	3φ380	50	Cont.	0.21	1300	3.20	0.320	6.30	0.630	—
					60		0.19	1550	2.70	0.270	4.85	0.485	
				3φ400	50	Cont.	0.21	1300	3.30	0.330	6.90	0.690	—
					60		0.19	1550	2.80	0.280	5.25	0.525	
				3φ415	50	Cont.	0.21	1350	3.10	0.310	7.30	0.730	—
					60		0.19	1600	2.60	0.260	5.70	0.570	
				3φ440	50	Cont.	0.21	1350	3.20	0.320	8.20	0.820	—
					60		0.19	1600	2.70	0.270	6.30	0.630	

- S9I40GE is UL approved (UL FILE No. E172720) thermally protected type.
- Please use appropriate capacitors according to the using voltage for S9I40GE type since the size of the capacitors differ to the different voltages and when not used properly, it may cause malfunction. Please inform required voltage when ordering or capacitor for 115V will be delivered.
- "CE" marked at the end of model name indicates that it is thermally protected type which has received CE (File NO. E9766002E01, Certificate Institute: TÜV Rhinland) with built-in TPS9I40GE (CE 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. S9I40GE, S9I40GX, S9I40GS is thermally protected type with TP mounted.
- ( ) is for marking 'L' type or 'H'. 'L' should be used with gearhead 'L' and 'H' should be used with gearhead 'H'.

■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	7.5
S9KB□B( )	kg-cm	8.3	9.9	13.8	16.5	20.7	24.8	27.5	34.4	41.3	49.6	49.6	62.1	74.5	89.4	99.3	100	100	100	100	100	100	100	100	100
	N·m	0.813	0.970	1.352	1.617	2.029	2.430	2.695	3.371	4.047	4.861	4.861	6.086	7.301	8.761	9.731	9.800	9.800	9.800	9.800	9.800	9.800	9.800	9.800	9.800

■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	9
S9KB□B( )	kg-cm	6.8	8.2	11.3	13.6	17.0	20.4	22.7	28.4	34.0	40.8	40.9	51.1	61.3	73.6	81.8	100	100	100	100	100	100	100	100	100
	N·m	0.666	0.804	1.107	1.333	1.666	1.999	2.225	2.783	3.332	3.998	4.008	5.008	6.007	7.213	8.016	9.800	9.800	9.800	9.800	9.800	9.800	9.800	9.800	9.800

- 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 assembled with motor and inter-decimal gearhead is 100㎏ · ㎝.
- ■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.
- Rotational speed based on synchronous speed (50Hz:1500rpm, 60Hz:1800rpm) divided by gear ratio. The actual rotation speed is less 2-20% than the displayed value according to the load.
- ( ) is for marking 'L' type or 'H'. 'L' should be used with motor 'L' and 'H' should be used with motor 'H'.