

IH INDUCTION MOTORS WITH SPEED CONTROL

Many versions such as 100 or 200V single-phase capacitor-run, 200V 3-phase and dual-speed by pole-changing are available.

Speed and torque change when the load and/or voltage fluctuate, but the change is rather small. In the H-Series motor group, induction motors have the largest output compared with other motors of the same size, and make an easy-to-use power unit.



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Item #	Input	Current Rating	Rated Torque	Rotational Speed	Breaking Current	Capacitor
<u>IH6S2N-21</u>	17 W	170 mA	2.43 oz·in 170×10^{-4} N·m	1400 rpm	0.5 A	2.0 µF
<u>IH6S3N-21</u>	15 W	150 mA	2.57 oz·in 180×10^{-4} N·m	1600 rpm	0.5 A	1.0 µF
<u>IH6S6N-2I</u>	30 W	300 mA	5.14 oz·in 360×10^{-4} N·m	1550 rpm	1.0 A	1.2 µF
<u>IH7S10N-21</u>	30 W	300 mA	9.03 oz·in 640×10^{-4} N·m	1500 rpm	1.0 A	4.0 µF
<u>IH7S15N-21</u>	45 W	450 mA	13.19 oz·in 930×10^{-4} N·m	1550 rpm	1.5 A	3.0 µF

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IH8S15N-21	40 W	400 mA	12.50 oz·in 880 x 10 ⁻⁴ N·m	1600 rpm	1.0 A	4.0 µF
IH8S25N-21	60 W	600 mA	19.44 oz·in 1370 x 10 ⁻⁴ N·m	1550 rpm	2.5 A	6.0 µF
IHF8S40N-21	100 W	1000 mA	36.11 oz·in 2550 x 10 ⁻⁴ N·m	1500 rpm	4.2 A	10.0 µF
IH9S40N-21	85 W	850 mA	34.72 oz·in 2450 x 10 ⁻⁴ N·m	1550 rpm	4.2 A	10.0 µF
IHF9S60N-21	130 W	1300 mA	52.78 oz·in 3730 x 10 ⁻⁴ N·m	1550 rpm	6.4 A	16.0 µF
IH12S70N-21	120 W	1200 mA	55.56 oz·in 3920 x 10 ⁻⁴ N·m	1600 rpm	5.0 A	12.0 µF
IHF9S90N-21	200 W	2000 mA	79.17 oz·in 5590 x 10 ⁻⁴ N·m	1550 rpm	9.0 A	25.0 µF
IH6P2N-25	17 W	170 mA	2.43 oz·in 170 x 10 ⁻⁴ N·m	1400 rpm	0.5 A	2.0 µF
IH6P3N-25	15 W	150 mA	2.57 oz·in 180 x 10 ⁻⁴ N·m	1600 rpm	0.5 A	1.0 µF
IH6PF6N-25	30 W	300 mA	5.14 oz·in 360 x 10 ⁻⁴ N·m	1550 rpm	1.0 A	1.2 µF
IH7PF10N-25	30 W	300 mA	9.03 oz·in 640 x 10 ⁻⁴ N·m	1500 rpm	1.0 A	4.0 µF
IH7PF15N-25	45 W	450 mA	13.19 oz·in 930 x 10 ⁻⁴ N·m	1550 rpm	1.5 A	3.0 µF
IH8P15N-25	40 W	400 mA	12.50 oz·in 880 x 10 ⁻⁴ N·m	1600 rpm	1.0 A	4.0 µF
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IHF9PF40N-25	85 W	850 mA	34.72 oz·in 2450 x 10 ⁻⁴ N·m	1550 rpm	4.2 A	10.0 µF
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IHF12PF70N-25	120 W	1200 mA	55.56 oz·in 3920 x 10 ⁻⁴ N·m	1600 rpm	5.0 A	12.0 µF
IHF9PK90N-25	200 W	2000 mA	79.17 oz·in 5590 x 10 ⁻⁴ N·m	1550 rpm	9.0 A	25.0 µF
IHF9PE90N-25	200 W	2000 mA	79.17 oz·in 5590 x 10 ⁻⁴ N·m	1550 rpm	9.0 A	25.0 µF