

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.



1						
<u>Item #</u>	<u>Input</u>	<u>Current Rating</u>	<u>Rated Torque</u>	<u>Rotational Speed</u>	<u>Breaking Current</u>	<u>Capacitor</u>
<u>IH6S2N-21</u>	17 W	170 mA	2.43 oz·in 170×10^{-4} N·m	1400 rpm	0.5 A	2.0 μ F
<u>IH6S3N-21</u>	15 W	150 mA	2.57 oz·in 180×10^{-4} N·m	1600 rpm	0.5 A	1.0 μ F
<u>IH6S6N-2I</u>	30 W	300 mA	5.14 oz·in 360×10^{-4} N·m	1550 rpm	1.0 A	1.2 μ F
<u>IH7S10N-21</u>	30 W	300 mA	9.03 oz·in 640×10^{-4} N·m	1500 rpm	1.0 A	4.0 μ F
<u>IH7S15N-21</u>	45 W	450 mA	13.19 oz·in 930×10^{-4} N·m	1550 rpm	1.5 A	3.0 μ F

<u>Item #</u>	<u>Input</u>	<u>Current Rating</u>	<u>Rated Torque</u>	<u>Rotational Speed</u>	<u>Breaking Current</u>	<u>Capacitor</u>
<u>IH8S15N-21</u>	40 W	400 mA	12.50 oz·in 880 x 10 ⁻⁴ N·m	1600 rpm	1.0 A	4.0 μF
<u>IH8S25N-21</u>	60 W	600 mA	19.44 oz·in 1370 x 10 ⁻⁴ N·m	1550 rpm	2.5 A	6.0 μF
<u>IHF8S40N-21</u>	100 W	1000 mA	36.11 oz·in 2550 x 10 ⁻⁴ N·m	1500 rpm	4.2 A	10.0 μF
<u>IH9S40N-21</u>	85 W	850 mA	34.72 oz·in 2450 x 10 ⁻⁴ N·m	1550 rpm	4.2 A	10.0 μF
<u>IHF9S60N-21</u>	130 W	1300 mA	52.78 oz·in 3730 x 10 ⁻⁴ N·m	1550 rpm	6.4 A	16.0 μF
<u>IH12S70N-21</u>	120 W	1200 mA	55.56 oz·in 3920 x 10 ⁻⁴ N·m	1600 rpm	5.0 A	12.0 μF
<u>IHF9S90N-21</u>	200 W	2000 mA	79.17 oz·in 5590 x 10 ⁻⁴ N·m	1550 rpm	9.0 A	25.0 μF
<u>IH6P2N-25</u>	17 W	170 mA	2.43 oz·in 170 x 10 ⁻⁴ N·m	1400 rpm	0.5 A	2.0 μF
<u>IH6P3N-25</u>	15 W	150 mA	2.57 oz·in 180 x 10 ⁻⁴ N·m	1600 rpm	0.5 A	1.0 μF
<u>IH6PF6N-25</u>	30 W	300 mA	5.14 oz·in 360 x 10 ⁻⁴ N·m	1550 rpm	1.0 A	1.2 μF
<u>IH7PF10N-25</u>	30 W	300 mA	9.03 oz·in 640 x 10 ⁻⁴ N·m	1500 rpm	1.0 A	4.0 μF
<u>IH7PF15N-25</u>	45 W	450 mA	13.19 oz·in 930 x 10 ⁻⁴ N·m	1550 rpm	1.5 A	3.0 μF
<u>IH8P15N-25</u>	40 W	400 mA	12.50 oz·in 880 x 10 ⁻⁴ N·m	1600 rpm	1.0 A	4.0 μF
<u>IH8PF25N-25</u>	60 W	600 mA	19.44 oz·in 1370 x 10 ⁻⁴ N·m	1550 rpm	2.5 A	6.0 μF

<u>Item #</u>	<u>Input</u>	<u>Current Rating</u>	<u>Rated Torque</u>	<u>Rotational Speed</u>	<u>Breaking Current</u>	<u>Capacitor</u>
<u>IHF8PF40N-25</u>	100 W	1000 mA	36.11 oz·in 2550 x 10 ⁻⁴ N·m	1500 rpm	4.2 A	10.0 μF
<u>IH9PF40N-25</u>	85 W	850 mA	34.72 oz·in 2450 x 10 ⁻⁴ N·m	1550 rpm	4.2 A	10.0 μF
<u>IHF9PF60N-25</u>	130 W	1300 mA	52.78 oz·in 3730 x 10 ⁻⁴ N·m	1550 rpm	6.4 A	16.0 μF
<u>IH12PF70N-25</u>	120 W	1200 mA	55.56 oz·in 3920 x 10 ⁻⁴ N·m	1600 rpm	5.0 A	12.0 μF
<u>IHF9PK90N-25</u>	200 W	2000 mA	79.17 oz·in 5590 x 10 ⁻⁴ N·m	1550 rpm	9.0 A	25.0 μF
<u>IHF9PE90N-25</u>	200 W	2000 mA	79.17 oz·in 5590 x 10 ⁻⁴ N·m	1550 rpm	9.0 A	25.0 μF