

Single Phase Induction Motor Characteristic Curve

Hitachi Industrial Technology(Thailand),Ltd

Power (HP)	1/3
Pole	4
Type-Form	EFOU-KT
Voltage (V)	220
Frequency (Hz)	50

Load (%)	0	25	50	75	100	125
Current (A)	2.67	2.66	2.72	2.85	3.07	3.41
Efficiency (%)	0	33.5	48.6	55.7	58.6	58.6
Power factor (%)	22.0	31.9	42.9	53.6	63.2	71.0
Slip (%)	0	1.1	2.3	3.5	4.8	6.6

