

## DRIP PROOF TYPE SPLIT PHASE START INDUCTION MOTOR (35 W AND 65 W)

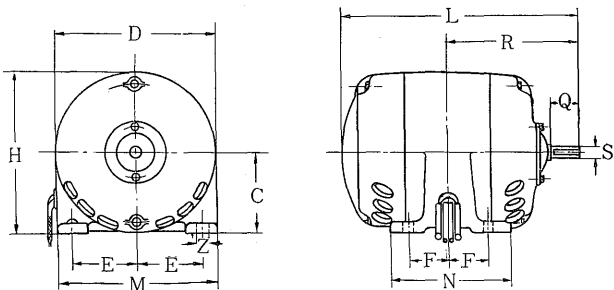
From 35 W to 750 W, famous Fuji Denki motors are available in a complete range of capacities to answer to the customer's need. Every single phase motor Fuji Denki delivers is the product of more than 10 years of engineering experience.

Growth of motor manufacturing has paralleled with the advance of technical improvement and productivity all over the modern industries. Especially, increasing demand for small motors results in the increase of their production.

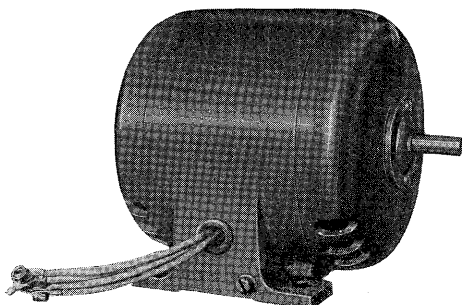
35 W and 65 W split phase start motors introduced here will be the timely answer to the trend of recent demand. They are used for small machine tool, office or laboratory machine, pump, compressor, blower, fan and other various machines. They will fit almost any purpose and suit your need.

### 1. Specification

Output (W)	Type	Voltage (V)	Frequency (c/s)	Rated current (A)	Revolution (rpm)	Bearing
35	BRE 1011-4	100	50/60	1.9/1.6	1,400/1,690	6200
65	BRE 1511-4	100	50/60	2.8/2.3	1,415/1,700	6201



Output	C	D	E	F	H	L	M	N	Z	Q	R	S
35 W	65	128	50	35	129	190	125	100	9	24	105	8
65 W	75	142	55	40	146	190	142	108	9	26	110	10



### 2. Special Features

#### 1) Powerful excellent torque characteristics

Excellence in torque characteristics is imperative importance especially in such small motors introduced here. As they are manufactured by laying special importance in characteristics of starting torque, accelerating torque and of stalling torque etc., momentary load variation and more or less drop of voltage will not hinder their operation.

#### 2) Quiet smooth operation

Quiet and smooth running Fuji motor has been developed and perfected through fully applying results of motor noise research and testing for long years. Fuji motors assure the quiet and smooth operation, so they are suited for machines used in office etc.

#### 3) Accurately machined parts

All parts are processed with complete automatic machine tools, moreover even in small motors, rotation part is balanced mechanically and consequently, vibration is extremely small and each part is accurate in its measurement.

#### 4) Selected insulation material for main component parts

For stator winding, polyester covered copper wire, and for stator slot insulator, polyester film are adopted and insulation varnish is Fuji new made heat proof varnish. Adoption of these new materials is the result of our repeated utility test which gives the motor more excellent efficiency and durability.

#### 5) Non-oiling bearing

Pioneering in adoption of sealed ball bearing, Fuji motor has gained a firm reputation for its simple maintenance and excellence.

With adoption of superior grease for sealed bearing, no refilling of grease is required and makes its maintenance extremely simple which give our motor absolute dependability.

#### 6) Smart appearance

Small in size, light in weight and smart in appearance. Fuji motor is sure to give all our customers satisfaction when connected with your machine.

(By H. Fukuoka, Mie Factory)