



WORLDWIDE ELECTRIC MOTOR DATA SHEET

WPMDC14-18-90V-56CB



HP	1/4
RPM / POLES	1800 / 4
ARMATURE VOLTAGE	90 V
FRAME	56C
ENCLOSURE	TENV / IP54
ARMATURE FULL LOAD AMPS	2.9 A
FULL LOAD TORQUE	0.73 LB. FT.
FORM FACTOR	1.0
SERVICE FACTOR	1.0
INSULATION CLASS	F
AMBIENT TEMP.	40° C
BASE TYPE	C-FACE - REMOVABLE
SHAFT	KEYED
DE BEARING	6203
ODE BEARING	6203
MOUNTING	F3
ROTATION	CW / CCW
WIRE TYPE	LOOSE WIRE
WIRE HOUSING	JUNCTION BOX
APPROX. WEIGHT	17 LBS.
FL EFFICIENCY	80.0%



REVISED - 07/25/16

Technical drawing of a mechanical component, showing three views: a top view, a side view, and a cross-sectional view.

Top View: A circular flange with four mounting holes. Dimensions include L (total width), D (inner diameter), E (flange thickness), and 45° chamfers. Labels AJ and BF point to specific features.

Side View: A cylindrical body. Dimensions include U (total height), S (flange thickness), and R (radius).

Cross-sectional View: A detailed view of the internal structure. Dimensions include C (total length), AH (flange thickness), BC (internal step), $N-W$ (internal slot width), AK (internal diameter), BA (base length), $2F_1$ (flange thickness), $H(SLOT)$ (slot height), and O (internal diameter).

KEY		KEYSEAT		FLANGE			SHAFT		
AH	BC	ES	S	R	AJ	AK	BF	N-W	U
2.06	0.12	1.41	0.188	0.517	5.875	4.5	3/8-16	1.88	0.625

ALL DIMENSIONS IN INCHES