

# BALDOR-RELIANCE

## EC-Titanium™

CAT. NO.	ECS101M0K4EF4						IC	411
SPEC.	36-0000-3634						YR	***
FRAME	D112S		IP	55	WT.	44	kg	
KW	4	HZ	50	PH	3	DUTY	S1	
INSUL CL	F	CLASS RISE		B	AMB-°C		40	
EFF. CL	IE5		EFF.	91.6	COS $\phi$ 97			
VOLTS	190/380			A	13.6/6.8			
RPM (1/MIN)	1500			RPM (1/MIN) MAX	3000			
BEMF (V)	105/210		Rs ( $\Omega$ )		0.82/3.30			
Ld (mH)	13.5/54.0		Lq (mH)	47.8/191.0				
INV TYP	VPWM	CHP	50	TO 100			HZ	
	CT	5	TO 50	VT	1	TO 50	HZ	
MATCHED INV	-							
BEARING	DE	6206		ODE	6205			
SERIAL#	***							

ELECTRIC MOTOR FOR INDUSTRIAL USE



ABB MOTORS AND MECHANICAL INC.  
5711 R.S. BOREHAM JR. ST., FORT SMITH, AR. MFG IN U.S.A.

FERRITE ASSISTED  
SYNCHRONOUS RELUCTANCE MOTOR  
FOR INVERTER USE ONLY



PERMANENT MAGNET MOTOR. WHEN SHAFT IS  
ROTATED, VOLTAGE WILL BE GENERATED AT  
THE MOTOR TERMINALS.  
MOTEUR À AIMANT PERMANENT. LORSQUE  
L'ARBRE TOURNE, UNE TENSION SERA  
GÉNÉRÉE AUX BORNES DU MOTEUR.

BALDOR-RELIANCE  
SHAFT GROUNDING BRUSH INSTALLED



EN/IEC60034  
-1:-5

IEC TS 60034  
-30-2

**E46145**