

PERFORMANCE OF STD.  
SLIPRING MOTORS – MZ  
RANGE **[S2,30mins]**

CONFIDENTIAL  
**ALSTOM Limited**  
ROTATING MACHINES  
INDUSTRIAL PRODUCTS UNIT

SPEC. NO. : C12R1ED415  
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ISSUE : C  
DATE : 27.07.2003

BRAND	CODE	FRAME	POLE	VOLTS	C/S
MZ	10	MZ3514-MZ6335	6	415	50

FRAME SIZE		3514	4120	4818	4826	5622	6322	6328	6335
OUTPUT (KW/HP)		2.2/ 3.0	5.2/7	6.7/9	9.2/12.3	11/15	18.5/25	22/30	30/40
F.L.RPM		900	900	945	965	950	955	965	965
F.L.AMPS		6.2	11.2	13.5	20	22	36	42	56
ROTOR VOLTS		103	158	222	272	192	241	305	385
ROTOR AMPS		17	22	18.9	22.2	36.5	48	46	48
EFFICIENCY (%)		71	80	84	84	85	86.5	87	87.5
POWER FACTOR		0.70	0.80	0.82	0.79	0.82	0.82	0.83	0.85
NO LOAD CURRENT(AMPS)		3.3	5.5	6.0	6.8	10.5	16	19	25
PULL OUT TORQUE (XFLT)		2.4	2.5	2.5	2.6	2.5	2.5	2.6	2.6
ROTOR GD <sup>2</sup> (Kg-m <sup>2</sup> )		0.132	0.355	0.69	1.0	1.62	2.6	3.32	4.14
MOTOR WT (KG) *		90	120	170	175	190	230	300	330
DESIGN REF.	ST.	WS3132-S415	WS3133-S415	WS3091-S415	WS3092-S415	WS3093-S415	WS3094-S415	WS3096-S415	WS3097-S415
	RT.	WR3053-R103	WR3054-R158	WR3026-R222	WR3027-R260	WR3028-R192	WR3029-R223	WR3030-R305	WR3031-R365

ISSUE DATE	A 19.02.96	B 27.04.2001	C 27.07.2003			
SIGN. NAME DATE	A.MOOKERJEE 26.07.2003		K.G.CHOUDHURY 27.07.2003		RAJIV RANJAN 27.07.2003	
	PREPARED BY		CHECKED BY		APPROVED BY	

\* : MOTOR WEIGHT CONFIRMED BY MOTOR DESPATCH DEPT.

Amendment

Issue : A, Original Issue, Dt. 19.02.96

Issue : B, Format revised & company's name & signatory changed, Dt. 27.04.2001

Issue : C, Signatory changed & data changed for bold items, Dt. 27.07.2003