



ATN 28 ^{2 POLE} _{4 POLE}

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SLIPRING ALTERNATORS

CARATTERISTICHE / CHARACTERISTICS / CARACTERISTIQUES / TECHNISCHE MERKMALE / CARACTERISTICAS

POTENZE 230/400 V. -50 Hz			POWER 230/400 V. -50 Hz		PUISSANCE 230/400 V. -50 Hz		LEISTUNG 230/400 V. -50 Hz		POTENCIAS 230/400 V. -50 Hz	
Tipo type typ	TRIFASE/THREE-PHASE/TRIPHASE DREIPHASING			MONOFASE SINGLE-PHASE MONOPHASE EINPHASIG MONOFASICO DELTA CONNECTION	RENDIMENTO / EFFICIENCY/ RENDEMENT/ WIRKUNGSGRAD / RENDIMIENTOS			fattore di utilizzo / Duty cycle	T.H.D. L-L %	
	R.P.M.	Kva	Kw p.f. 0,8	Kva p.f. 1	2/4	3/4	4/4			
ATN 28/2 S1	3000	25	20	17	81	84	83,3	S1	<4%	
ATN 28/2 S2	3000	30	25	20	83,1	85,6	85	S1	<4%	
ATN 28/2 L1	3000	40	33,3	27	84	86,7	86,1	S1	<4%	
ATN 28/4 VS1	1500	10	8,3	6,5	84,6	86	85,6	S1	<3%	
ATN 28/4 VS2	1500	15	12,5	10,5	85	86,6	86	S1	<3%	
ATN 28/4 S1	1500	20	16,6	13,5	85,5	87,2	86,4	S1	<3%	
ATN 28/4 L1	1500	25	20,8	16,5	85,9	88,2	86,9	S1	<3%	
ATN 28/4 L2	1500	30	25	20	86,7	88,5	87,2	S1	<3%	

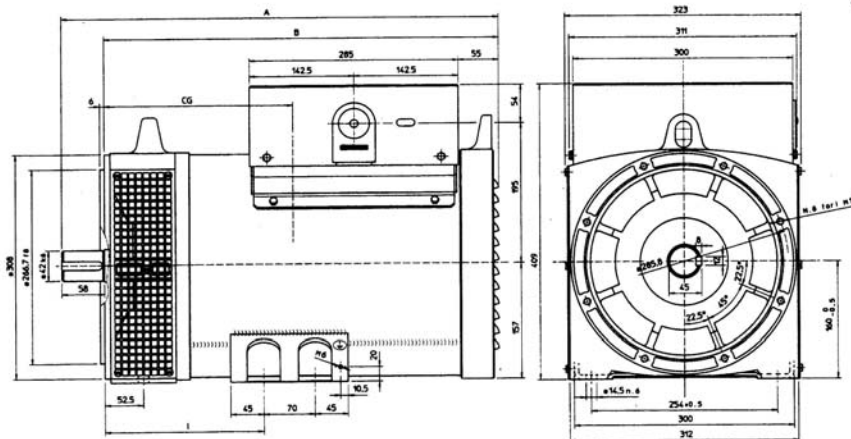
POTENZE 277/480 V. -60 Hz			POWER 277/480 V. -60 Hz		PUISSANCE 277/480 V. -60 Hz		LESTUNG 277/480 V. -60 Hz		POTENCIAS 277/480 V. -60 Hz	
Tipo type typ	TRIFASE/THREE-PHASE/TRIPHASE DREIPHASING			MONOFASE SINGLE-PHASE MONOPHASE EINPHASIG MONOFASICO DELTA CONNECTION	RENDIMENTO / EFFICIENCY/ RENDEMENT/ WIRKUNGSGRAD / RENDIMIENTOS			fattore di utilizzo / Duty cycle	T.H.D. L-L %	
	R.P.M.	Kva	Kw p.f. 0.8	Kva p.f. 1	2/4	3/4	4/4			
ATN 28/2 S1	3000	30	25	20	83,1	85,1	84,7	S1	<4%	
ATN 28/2 S2	3000	36	30	24	83,6	86,3	85,8	S1	<4%	
ATN 28/2 L1	3000	48	40	32	84,1	87,2	86,5	S1	<4%	
ATN 28/4 VS1	1500	12	10	8	84,6	86,2	85,7	S1	<4%	
ATN 28/4 VS2	1500	18	15	12	85,7	87,1	86	S1	<4%	
ATN 28/4 S1	1500	24	20	16	86,1	88	87,6	S1	<4%	
ATN 28/4 L1	1500	30	25	20	86,5	88,9	88	S1	<4%	
ATN 28/4 L2	1500	36	30	24	86,8	89,2	88,3	S1	<4%	

Tipo type typ	Massa Weight Poids Gewicht	J Kgm ² B3-B14	VOLUME D'ARIA		Rumore/Noise dB (A)			
			50Hz	60Hz	50Hz		60Hz	
					1mt.	7mt.	1mt.	7mt.
ATN 28/2 S1	76	0,0784	9,7	11	86	74	90,5	78
ATN 28/2 S2	88	0,0841						
ATN 28/2 L1	112	0,0926						
ATN 28/4 VS1	47	0,0562	5,3	5,8	68	57	71	61
ATN 28/4 VS2	66	0,0649						
ATN 28/4 S1	88	0,0753						
ATN 28/4 L1	110	0,0861						
ATN 28/4 L2	130	0,1021						



ATN-E 28

FORMA FORM FORME B3/B14



dimensions in mm

* Center of Gravity

TIPO/TYPE	A	B	I
28S/4	516	458	216,5
28L	596	538	216,5
28VL/4	626	568	286,5

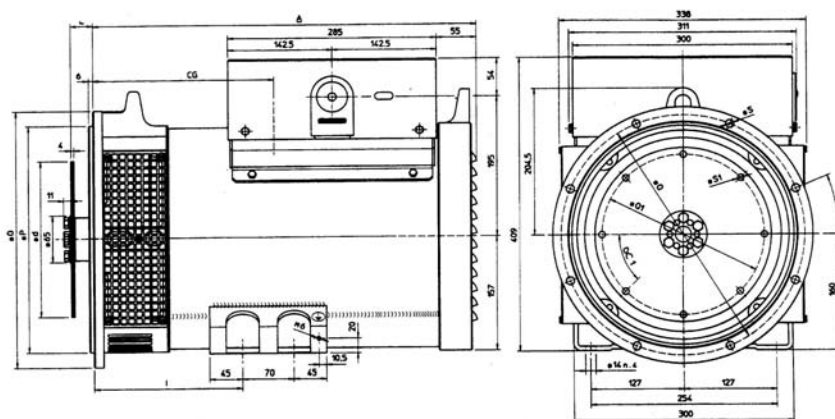
TIPO/TYPE	A	B	I
28 VS	475	417	216,5
28S	516	458	216,5
28L	596	538	216,5
28VL	626	568	286,5

TIPO/TYPE	C.G.
ATE 28-1L/2	248
ATE 28-2L/2	258
ATE 28-3L/2	261
ATE 28-S/4	235
ATE 28-1L/4	255
ATE 28-2L/4	265
ATE 28-VL/4	280

TIPO/TYPE	C.G.
ATN 28-VS/2	225
ATN 28-1S/2	235
ATN 28-2S/2	245
ATN 28-1L/2	265
ATN 28-1VS/4	210
ATN 28-2VS/4	230
ATN 28-S/4	245
ATN 28-1L/4	264
ATN 28-2L/4	275

ATN-E 28

FORMA FORM FORME MD35



dimensions in mm

* Center of Gravity

SAE N°	Giunti a dischi Disc coupling Disque de monopalier Scheibenkupplung					
	L	d	Q1	N° fori	S1	a1
6 1/8	30,2	215,9	200	6	9	60°
7 1/8	30,2	241,3	222,25	8	9	45°
8	62	263,52	244,47	6	11	60°
10	53,8	314,32	295,27	8	11	45°
11 1/8	39,6	352,42	333,37	8	11	45°

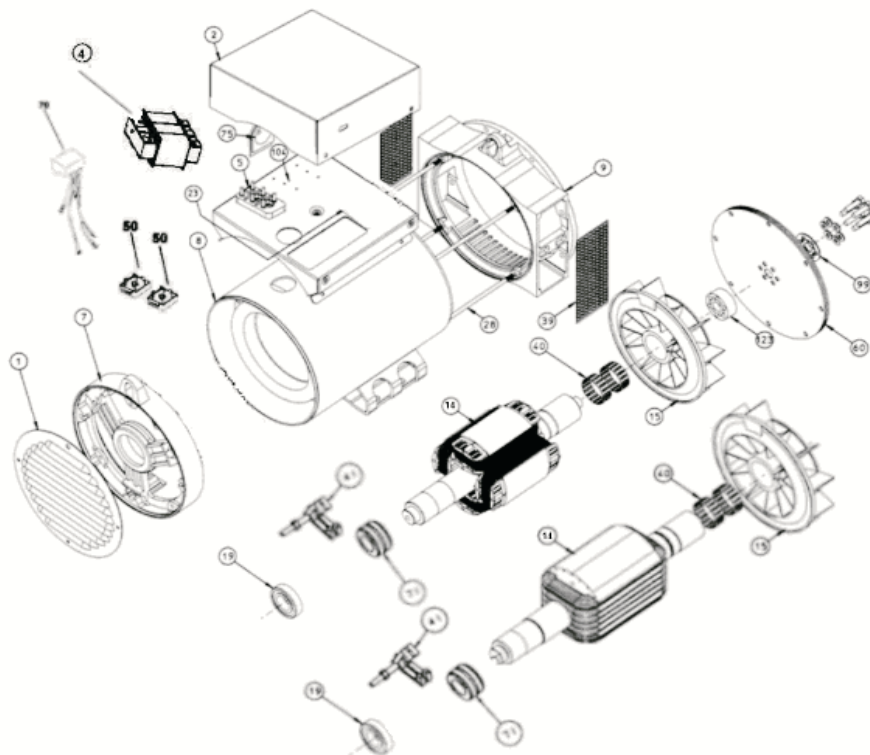
SAE N°	Flangia / Flange Bride / Flansch					
	O	P	Q	N° fori	S	a
5	356	314,3	333,4	8	11	22°30'
4	403	362	381	12	11	15°
3	451	409,6	428,6	12	11	15°

TIPO/TYPE	A	I
28 VS	420	203
28S	445	203
28L	525	203
28VL	555	273

TIPO/TYPE	C.G.
ATE 28-1L/2	225
ATE 28-2L/2	235
ATE 28-3L/2	240
ATE 28-S/4	210
ATE 28-1L/4	230
ATE 28-2L/4	240
ATE 28-VL/4	255

TIPO/TYPE	C.G.
ATN 28-VS/2	203
ATN 28-1S/2	215
ATN 28-2S/2	230
ATN 28-1L/2	255
ATN 28-1VS/4	190
ATN 28-2VS/4	215
ATN 28-S/4	225
ATN 28-1L/4	236
ATN 28-1L/4	245

ELENCO PARTI DI RICAMBIO / LIST OF SPARE PARTS / LISTE DES PIECES DETACHEES / ERSTZTEILLISTE / LISTA PARTES DE REPUESTO



N°	DENOMINAZIONE	NOME	DESIGNATION	NAMEN	DENOMINACION	CODE
1	CHIUSURA POSTERIORE	GRID	GRILLE DE FERMETURE	GITTER	REJILLA	9LMCFASPATN28
2	CUFFIA SUPERIORE	TERMINAL BOX LID	COUVERCLE	DEKEL	TAPA	9LMCFASPATN28
4	TRASFORMATORE COMPOUND	COMPOUNDING TRANSFORMER	TRASFORMATEUR DE COMPOUNDAGE	COMPOUND TRASFORMATOR	TRASFORMADOR COMPOUND	ON REQUEST
5	MORSETTIERA UTILIZZAZIONE	TERMINAL BOARD	BLANCHETTE A BORNES	KLEMMENBRET	PLACA DE BORNES	9ELMR01045070
7	COPERCHIO POSTERIORE	REAR COVER	PALIERE ARRIERE	B-LAGER SCHILD	TAPA POSTERIOR	9ALCAPSATN-28
8	CARCASSA CON STATORE	FRAME AND STATOR	CARCASSE AVEC STATOR	GAHAUSE MIT STATOR	CARCASA CON ESTATOR	ON REQUEST
9	FLANGIA ANT. MD35 SAE3	DRIVE END BRACKET MD 35 SAE3	FLASQUE AVANT MD 35 SAE 3	VORDERES GEHAUSE MD 35 SAE3	CIERRE ANTERIOR MD 35 SAE 3	8ALFLANT28SA3
	FLANGIA ANT. MD35 SAE4	DRIVE END BRACKET MD 35 SAE4	FLASQUE AVANT MD 35 SAE 4	VORDERES GEHAUSE MD 35 SAE4	CIERRE ANTERIOR MD 35 SAE 4	8ALFLANT28SA4
	FLANGIA ANT. MD35 SAE5	DRIVE END BRACKET MD 35 SAE5	FLASQUE AVANT MD 35 SAE 5	VORDERES GEHAUSE MD 35 SAE5	CIERRE ANTERIOR MD 35 SAE 5	8ALFLANT28SA5
	FLANGIA ANT. B3/B14	DRIVE END BRACKET B3/B14	FLASQUE AVANT B3 -B14	VORDERES GEHAUSE B3-B14	CIERRE ANTERIOR B3-B14	8ALFLANT28B14
14	INDUTTORE ROTANTE ATEB28/4	ROTOR ASSY ATEB 28/4	ROUE POLAIRE ATEB 28/4	ROTOR ATEB 28/4	INDUCTOR ROTANTE ATEB 28/4	ON REQUEST
14A	INDUTTORE ROTANTE ATEB28/2	ROTOR ASSY ATEB 28/2	ROUE POLAIRE ATEB 28/2	ROTOR ATEB 28/2	INDUCTOR ROTANTE ATEB 28/2	ON REQUEST
14B	INDUTTORE ROTANTE ATN28/2	ROTOR ASSY ATN 28/2	ROUE POLAIRE ATN 28/2	ROTOR ATN 28/2	INDUCTOR ROTANTE ATN 28/2	ON REQUEST
14C	INDUTTORE ROTANTE ATN28/4	ROTOR ASSY ATN 28/4	ROUE POLAIRE ATN 28/4	ROTOR ATN 28/4	INDUCTOR ROTANTE ATN 28/4	ON REQUEST
15	VENTOLA	FAN	VENTILATEUR	LUFTERRAD	VENTILADOR	9ALVNTATN28*
19	CUSCINETTO POSTERIORE	REAR BEARING	REULEMENT ARRIERE	HINTERES LAGER	COJINETTE POSTERIOR	9MNCS01207**
24	MORSETTIERA AUSILIARIA	AUXILIARY TERMINAL BOARD	BORNES AUXILIAIRES	NEMEN KLEMMBRETT	REGLETA	9ELMR0K433/6
28	TIRANTE COPERCHI "VS"	COVER STAY BOLT "VS"	TIGE DE FLASQUE "VS"	STEBBOLZEN "VS"	TIRANTE DE LA TAPA "VS"	9ACTR08319257
	TIRANTE COPERCHI "S"	COVER STAY BOLT "S"	TIGE DE FLASQUE "S"	STEBBOLZEN "S"	TIRANTE DE LA TAPA "S"	9ACTR08359255
	TIRANTE COPERCHI "L"	COVER STAY BOLT "L"	TIGE DE FLASQUE "L"	STEBBOLZEN "L"	TIRANTE DE LA TAPA "L"	9ACTR08439275
	TIRANTE COPERCHI "VL"	COVER STAY BOLT "VL"	TIGE DE FLASQUE "VL"	STEBBOLZEN "VL"	TIRANTE DE LA TAPA "VL"	9ACTR08469267
39	RETINA PROTEZIONE	PROTECTION SCREEN	GRILLE DE PROTECTION	SCHTZGITTER	REJILLA DE PROTECCION	9LMFOR1008***
	RETINA PROTEZIONE MD 35	PROTECTION SCREEN MD 35	GRILLE DE PROTECTION MD 35	SCHTZGITTER MD 35	REJILLA DE PROTECCION MD 35	9LMFOR1009***
40	ANELLO COMPENSATORE	FIXING RING	RONDELLE DE BLOQUAGE	COMPENSATOR RING	ANILLO COMPENSADORES	9MNANBNS60022
41	GRUPPO SPAZZOLE COMPLETO	BRUSH GEAR ASSEMBLY	ENSEMBLE PORTE BALAIS COMPLET	BRUSTERNHALTER	PORTAESCOBILLAS	9ELSPZATN28FN
50	RADDRIZZATORI A DIODI	RECTIFIER BRIDGE	PONT REDRESSEUR A DIODE	RICHTBRUCKE	PUENTE RECTIFICADOR	9ELRDMB03512
60	DISCHI SAE 11 1/2	DISC PLATES SAE 11 1/2	DISQUES SAE 11 1/2	KUPPLINGSSCHEIBEN SAE 11 1/2	DISCOS SAE 11 1/2	9VADS28S111/5
	DISCHI SAE 10	DISC PLATES SAE 10	DISQUES SAE 10	KUPPLINGSSCHEIBEN SAE 10	DISCOS SAE 10	9VADS28S010**
	DISCHI SAE 8	DISC PLATES SAE 8	DISQUES SAE 8	KUPPLINGSSCHEIBEN SAE 8	DISCOS SAE 8	9VADS28S008**
	DISCHI SAE 7 1/2	DISC PLATES SAE 7 1/2	DISQUES SAE 7 1/2	KUPPLINGSSCHEIBEN SAE 7 1/2	DISCOS SAE 7 1/2	9VADS28S71/2
	DISCHI SAE 6 1/2	DISC PLATES SAE 6 1/2	DISQUES SAE 6 1/2	KUPPLINGSSCHEIBEN SAE 6 1/2	DISCOS SAE 6 1/2	9VADS28S61/2
70	FILTRO ANTIDIST. RADIO	RADIO INTERF. SUPPRESSOR	FILTRE ANTI-PARASITAGE	FUNKENTSTOERFILTER	SUPRESORE RADIO	8PLFLDS001***
71	COLLETTORE AD ANELLI	SLIPRING	BAGUES	BURSTENRING	COLECTOR DE	9VACL10036070
75	GOMMINO	RUBBER CUP	CAPUCHON DE FERMATURE	SCHLUSSGUMMI	GOMA DE CIERRE	9PLGMMECO2832
99	ANELLO BLOCC.DISCHI	DISCS BLOCKING RING	ANNEAU BLOCAGE DES DISQUES	SCHEIBENSPANNRING	ANILLO DE BLOC. DISCOS	9MNANBDEC28
104	PANN.PORTA COMPON.	COMPONENT-CARRYNG PANEL	PANNEAU SUPPORT COMPOSANT	KOMPONENTENBLECHTAFEN	PANEL PORTA COMPONENTES	9LMMPSATN-28
123	ANELLO DISTANZIALE	RING SPACER	ANNEAU ESPACEUR	ABSTANDRING	ANILLO SEPARADORES	9MNaNDSECO28

Nella richiesta di parti di ricambio specificare il tipo e il codice dell'alternatore / when requesting spare parts always indicate the alternator's type and code / Pour toute demande de pieces detachées, prière de mentionner le type et le code de l' alternateur/Bei ersatzteilbestellung bitte immer die teilbenennung den typ und den code des wechselstromgenerators angeben/En cada pedido de pizas de recambio especificar siempre el tipo y el código del alternador.