



SPARE PARTS CATALOGUE

CD-ROM 'ELCAT' 1/2004 04.06.2004

16 S 221

ZF parts list no.: 1316 051 333

customer: IVECO-M

Z F F R I E D R I C H S H A F E N A G

ZF-ELCAT technical information sheet

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sheet 2

parts list: 1316 051 333 16 S 221 / SG-KK*LL*ANGEFL*DW-WR H-H *SERVO-WR / IVECO-M

item	text	mod. no.
A10	CUSTOMER:IVECO-M	
	COUNTRY:D	
	CITY:ULM	
A14	CODE: CUST.SPEC.NO: TYPE NO:	
A16	8851739	
F06	INSTAL.POSITION:HOR. LH *FLANGE MOUNTED*	
F10	RATIO: 13,86- 0,84 *SG	
	G13,86* 9,52* 6,56* 4,58* 3,02* 2,08*	
	G 1,43* 1,00* R12,97	
	S11,59* 7,96* 5,48* 3,83* 2,53* 1,74*	
	S 1,20* 0,84* R10,85	
	RATIO SERIES-BASIS:DG	
F26	PLANET GEAR SET:I= 4,583* 5 GEAR	
	SPUR GEAR.	
F34	CONTROL:REMOTE CONTROL*HORIZONTAL RH *H-H	
	SHIFT ASSISTANCE:SERVO RH	
	ACTUATION:MECHANIC	
	GP:PLASTIC FORM PIPE	
	SERVO:PLASTIC PIPING	
	ZULUFTABSPERRVENTIL	
F38	SEPARAT.CLUTCH: SYNCHRONIZED	
	1-4 GEAR BK-SYNCHR.	
F40	INPUT SHAFT : L=117,0*SAE 10C 2 INCH	
	JOURNAL:D=25 F7*SHAFT:D=50,30*BUSH:WITHOUT	
	SHAFT:L=403,50 *SPLINE:L=120,000*	
	BEARING CONSTANT I:GL *D= 99,916H5	
	SPIGOT BEARING:TAPER ROLLER	
F46	REL.BRG.CARRIER:L=- 3,0 D= 62,611	
F50	OUTPUT :STANDARD BEARINGS	
F52	OUTP.FLANGE RA:OD=180 *NH= 4 *D=15,0	
	L=211,5	
F60	MOUNTING FACE HOUSING II:WITHOUT	
F64	CONN.OF GEARSHIFT:	
F66	CONTROL SHAFT DIMENSION:A=306,0*	
F68	MEAS.POINT: SHIFTLIVER-LOCATION *	
F96	SET OF SPRINGS:LAYOUT Q3 *	

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sheet 3

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item	text	mod. no.
F98	PAWL STOP: SPRING FORCE RG= 60N	
G00	RESISTANCE DETENT:SPRING HF= 120N DETENT LEVER LAYOUT:VERSION= A	
G02	SPRING*WF- 35N*I- 26N	
G08	DETENT NG: SPRING FORCE= 200N	
G16	SELECTION PATTERN:WI	
G30	SWITCH: RG*CLOSING *G.SHIFT SHAFT PROTECTING CAP:WITH *BAYONET	
G32	SWITCH: NG*OPENING * PROTECTING CAP:WITH *BAYONET	
G36	SWITCH: GP*CLOSING * PROTECTING CAP:WITH *BAYONET	
G50	AUXILIARY UNITS:	
G56	SWITCH: GV*PREPARED * PROTECTING CAP:WITHOUT*	
G60	AUXILIARY UNITS/ACCESSORIES	
G64	HEAT EXCHANGER:FRONT LEFT PREP*	
G66	G.BOX VENTING:BREATHER	
G76	CLUTCH HOUSING:SAE 1 * INTEGR RELEASE: CYL: * *L= HOLDING FIXTURE D= *SUSPENSION: SENSOR: * ASSEMBLY: 6	
H50	ELECTRONIC:	
H68	PULSE TRANSMITTER TACHO:IMP/U 6,00 TRANSMIT:WITHOUT*PROTECT.CAP:WITHOUT	
H70	PULSE TRANSMITTER TACHO:IMP/U 6,00 * TRANSMITTER:WITHOUT*PROTECTING CAP:WITHOUT POS: 1*INSTALL.DRAWING	
M00	DRAWING:	
M02	INSTALLATION: 1316 655 002	
M14	SECTION: 1315 051 100(0)	
M16	SECTION: 1316 101 035(0)	
M18	SECTION: 1316 173 010	
M28	SECTION: 1315 192 100	
M50	ASSEMBLY INSTRUCTIONS:	

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item	text	mod. no.
M58	ASSEMBLY:OIL FILL+OVERFLOW *HOUSING LEFT+RIGHT	
M82	ASSEMBLY:SHUT-OFF VALVE *F *THROTTLE:D=1,55	
M90	OIL CAPACITY:EX WORKS * 13,00L GEARBOX	3998C
M92	OIL GRADE ACC.TO ZF:TE-ML02C	
M94	MASS : APPRX. 330,0 KG	
M96	PAINT :BROWN-RED *ZFN 915W	
M98	PRESERVATION : KA1 T/KI2/ *ZFN 916	
Q50	QUALITY INSTRUCTION:	
Q52	TESTING:GAERBOX KPL/INTARDER 1Q49 154 847	
S02	VEHICLE DATA 1:	
S04	MODEL:TRUCK *SPR 6X 4	
S06	MAX. G.V.M. 26T*MAX. G.C.M. 60T	
S08	R DYN: 446*V MAX: APPRX. 110KM/H	
S10	RA: I= 2,93	
S14	FIAT /8280TCA *KW375/1900*N.M2200/1100	