



SPARE PARTS CATALOGUE

CD-ROM 'ELCAT' 1/2004 19.11.2004

16 S 221

ZF parts list no.: 1316 051 339

customer: RVI

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

ZF-ELCAT technical information sheet

CD 1/2004 19.11.2004
sheet 2

parts list: 1316 051 339 16 S 221 / SG*LL*ANGEFL*DW-WL H-H / RVI

item	text	mod. no.
A10	CUSTOMER:RVI	
	COUNTRY:F	
A14	CODE: CUST.SPEC.NO: TYPE NO:	
A16	5010452380	
A90	RELEASE:FIRST INSTALLATION CHECK NECESSARY	
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 LH *H-H	
	GP:PLASTIC FORMED PIPING	
F38	SEPARAT.CLUTCH: SYNCHRONIZED	
	1+2 GEAR DK-SYNCHR.	
	3+4 GEAR BK-SYNCHR.	
F40	INPUT SHAFT : L=109,0*SAE 10C 2 INCH	
	JOURNAL:D=25 F7*SHAFT:D=50,30*BUSH:WITHOUT	
	SHAFT:L=395,50 *SPLINE:L=120,000*	
	BEARING CONSTANT I:GL *D= 99,916H5	
	SPIGOT BEARING:TAPER ROLLER	
F46	REL.BRG.CARRIER:L=- 24,0 D= 60,000 F8	
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=288,0*	
F68	MEAS.POINT: SHIFTLIVER-LOCATION *	
F74	SHIFT LEVER:R1=105*CRANKED TO INSIDE	
	TAPER:OUTSIDE	
F80	CONTR.CONNECTION:POS. C *	
F94	G.SHIFT LEVER ANGLE:EP= 4TO 9DEG	
F96	SET OF SPRINGS:LAYOUT Q2 *	

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sheet 3

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item	text	mod. no.
F98	PAWL STOP: SPRING FORCE RG=120N	
G00	RESISTANCE DETENT:SPRING HF= 60N/ 70N DETENT LEVER LAYOUT:VERSION=	
G02	SPRING*WF- 35N*I- 26N	
G06	GEAR DETENT:SPRING FORCE NG+GG = 168N	
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*OPENING * PROTECTING CAP:WITH *BAYONET	
G38	SWITCH: HG *OPENING * PROTECTING CAP:WITH *BAYONET	
G50	AUXILIARY UNITS:	
G56	SWITCH: GV*OPENING * PROTECTING CAP:WITH *BAYONET	
G60	AUXILIARY UNITS/ACCESSORIES	
G64	HEAT EXCHANGER:FRONT LEFT PREP*	
G66	G.BOX VENTING:PIPE *L= 2,20M POS:FRONT	
G76	CLUTCH HOUSING:SAE 1 * INTEGR RELEASE: WITH CYL: * *L= HOLDING FIXTURE D= *SUSPENSION: SENSOR: * ASSEMBLY: 6	
H50	ELECTRONIC:	
H68	PULSE TRANSMITTER TACHO:IMP/U 6,00 TRANSMIT:WITH *PROTEC.CAP:WITH	
H70	PULSE TRANSMITTER TACHO:IMP/U 6,00 * TRANSMITTER:WITHOUT*PROTECTING CAP:WITHOUT POS: 1*INSTALL.DRAWING	
M00	DRAWING:	
M14	SECTION: 1315 051 100(0)	
M16	SECTION: 1316 101 035(0)	

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item	text	mod. no.
M18	SECTION: 1316 172 003(0)	
M28	SECTION: 1315 192 100	
M50	ASSEMBLY INSTRUCTIONS:	
M58	ASSEMBLY:OIL FILL+OVERFLOW *HOUSING LEFT+RIGHT	
M82	ASSEMBLY:SHUT-OFF VALVE *F *THROTTLE:D=1,55	
M90	OIL CAPACITY: AP. 13,00L	
M92	OIL GRADE ACC.TO ZF:TE-ML02	
M94	MASS : APPRX. 320,0 KG	
M96	PAINT :DEEP-BLACK *RAL9005 ZFN915W	
M98	PRESERVATION : KA1+2 /KI2/ *ZFN 916	
Q50	QUALITY INSTRUCTION:	
Q52	TESTING:GAERBOX KPL/INTARDER 1Q49 154 847	
S02	VEHICLE DATA 1:	
S04	MODEL:TRUCK *KERAX 300.26 6X 4	
S06	MAX. G.V.M. 34T*MAX. G.C.M. 90T	
S08	R DYN: 522*	
S10	RA: I= 5,79*	
S14	RVI /MIDR062356A*KW280/2000*N.M1730/1200	
S18	CLUTCH: VALEO *430DTE	