



Spare Parts Catalog

16 S 2220 TO

Material number: 1342.002.004



Pos.	Information	Amendment number
001	Use case -----	
002	Customer Renault Vehicules Industriels	
003	City Saint Priest Cedex	
004	DUNS 27-813-6346	
005	Vehicle / Apparatus -----	
006	Sales Name MAGNUM PNG	
007	Manufacturer Renault Vehicules Industriels	
008	Engineering Name	
009	Product Use TRUCK	
010	Vehicle/Hardware Type ROAD TRACTOR	
011	SOP	
012	Engine	
013	Sales Designation	
014	Manufacturer AB Volvo	
015	Eng.Displ.	
016	Cylinder	
017	Nom. power 324 kW	
018	RPM at nom. power 1900 1/min	
019	Nom. torque 2100 Nm	
020	RPM at nom. torque 1100 1/min	
021	Classification use case -----	
022	DESIGNATION, CLUTCH MFZ2/400	
023	MANUFACTURER, CLUTCH ZF-SACHS	
024	TOTAL NUMBER OF GEARS 4	
025	NUMBER OF DRIVING GEARS 2	
026	DYNAMIC TYRE RADIUS 491 mm	
027	REAR AXLE RATIO 3,21	
031	PERMISS.GROSS VEHICLE WEIGHT 19 t	
032	PERMISS.GROSS COMBIN.WEIGHT 60 t	
033	Product description -----	



Pos.	Information	Amendment number
034	INSTALLATION POS TRANSMISSION HORIZONTAL LEFT	
035	TRANSMISSION ATTACHMENT FLANGE-MOUNTED	
036	RATIO, BOTTOM GEAR 13,8	
037	RATIO, TOP GEAR ,84	
038	SET OF RATIOS SG	
039	RATIO, 1ST GEAR 13,8	
040	RATIO, 3RD GEAR 9,49	
041	RATIO, 5TH GEAR 6,53	
042	RATIO, 7TH GEAR 4,57	
043	RATIO, 9TH GEAR 3,02	
044	RATIO, 11TH GEAR 2,08	
045	RATIO, 13TH GEAR 1,43	
046	RATIO, 15TH GEAR 1	
047	RATIO, 1ST GEAR REVERSE 12,92	
048	RATIO, 2ND GEAR 11,54	
049	RATIO, 4TH GEAR 7,93	
050	RATIO, 6TH GEAR 5,46	
051	RATIO, 8TH GEAR 3,82	
052	RATIO, 10TH GEAR 2,53	
053	RATIO, 12TH GEAR 1,74	
054	RATIO, 14TH GEAR 1,2	
055	RATIO, 16TH GEAR ,84	
056	RATIO, 2ND GEAR REVERSE 10,8	
057	UEBERSETZUNGSREIHE BASIS DG	
058	UEBERSETZUNG PLANETENSATZ 4,565	
059	NUMBER OF PLANETARY GEARS 5	
060	AUSF VERZAHNUNG PLANETENSATZ OBLIQUE TOOTHING	
061	DESIGN, SHIFT SYSTEM TURNING SHAFT	
062	POSITION, GEAR SHIFT SYSTEM HORIZONTAL LEFT	
063	DESIGN, SHIFT PATTERN UEH	



Pos.	Information	Amendment number
064	VERSION SHIFT SUPPORT SERVO	
065	VERSION ACTUATION SHIFT SYSTEM CONTROL CABLE	
066	AUSFUEHRUNG ROHR GP PLASTIC-FORM-PIPE	
067	AUSFUEHRUNG ROHR SERVO WITHOUT PIPING	
068	DESIGN, PRESSURE RELIEF VALVE DBV6	
069	1.KUNDENSPEZIFIKATION SCHALTNG RANGE INTERLOCK	
070	AUSF RUECKSCHALTG GASSENSPERRE RADIAL	
071	AUSFUEHRUNG ROHR GASSENSPERRE WITHOUT PIPING	
072	HINWEIS ZU AUSF SCHALTUNG GEAR SHIFT COVER W/O AIR DIST	
073	2.KUNDENSPEZIFIKATION SCHALTNG GATE INTERLOCK	
078	DIA.THROTTLE VALVE AIR SUPPLY 1.300 mm	
079	DESIGN, SEPARATING CLUTCH FULL-SYNCHRONIZED	
080	VERSION OF SYNCHRONIZER 1 1+2 GANG BK-SYNCHR.CARBON	
081	AUSFUEHRUNG SYNCHRONISIERUNG 2 3+4 GANG BK-SYNCHR.CARBON	
082	REFERENCE LENGTH INPUT SHAFT 109 mm	
083	STANDARD TYPE INPUT SHAFT SAE	
084	NUMBER OF WEDGES INPUT SHAFT 10	
085	VERSION OF INPUT SHAFT FORM C	
086	NOMINAL DIAMETER INPUT SHAFT 2 in	
087	DIAMETER, JOURNAL, INPUT SHAFT 30 mm	
088	TYPE FIT SPIGOTS INPUT SHAFT F7	
089	DIAMETER SHAFT OF INPUT SHAFT 50,3 mm	
090	BUSH VARIANT INPUT SHAFT WITHOUT GROOVE	
091	LENGTH, INPUT SHAFT 395,5 mm	
092	LENGTH, PROFILE, INPUT SHAFT 120 mm	
093	AUSF LAGERUNG KONSTANTE 1 GL	
094	D-LAGER ANTRIEBSWELLE 99,916 mm	
095	PASSUNGSART LAGER ANTR.WELLE H5	
096	VER. BEAR. SPIGOTS INPUT SHAFT TAPER ROLLER	
097	DESIGN,CONN., CLUTCH HOUSING SAE 1	



Pos.	Information	Amendment number
098	CENTR.DIA,HSG/ENGINE CONNECT. 511,175 mm	
099	NUMBER OF BORES,ENGINE CONN. 12	
100	BORE DIA, ENGINE CONNECTION 13 mm	
101	D-LAGERBUCHSE AUSRUECKUNG LI 35 mm	
102	LAENGE SPANNLAPPEN RE MOTANSCH 292 mm	
103	AUSFUEHRUNG FREIGANG MOTORANS ENGINE CONNECT.	
104	VERSION ENGINE CONNECTION NOT FORDABLE	
105	DIAMETER, RELEASE FLANGE 60 mm	
106	TYPE FIT RELEASE BEARING FLA. F8	
107	DESIGN BEARING OUTPUT STANDARD SUSPENSION	
108	OUTER DIA. OUTPUT FLANGE RA 180 mm	
110	NUMBER OF OUTPUT FL. BORES HA1 4	
111	BORE DIA. OUTPUT FLANGE RA 15 mm	
113	REF. LENGTH OUTPUT FLANGE RA 211,5 mm	
115	CORROS.PROTECTION, OUTP.FLANGE COATED	
117	LAGE ANFL.FLAECHE GEHAEUSE2 WITHOUT GROOVE	
118	DIMENSION SHIFT TURRET DIST. 300 mm	
119	MEAS. LOC. SHIFT TURRET DIST. SHIFT LEVER-LOCATION	
121	RADIUS SELECTOR LEVER 68.000 mm	
122	SELECTOR LEVER POSITION B	
123	DESIGN OFFSET SELECTOR LEVER OUTSIDE	
124	LENGTH OFFSET SELECTOR LEVER 27.000 mm	
126	RADIUS 1 SHIFT LEVER 70 mm	
127	SHIFT LEVER CONNECTION HEXAGON CONNECTION	
129	DESIGN, OFFSET, SHIFT LEVER INSIDE	
130	LEVER POSITION SHIFTING OUTPUT A	
133	SPRING ARRANGEMENT Q4	
134	SPRING FORCE PAWL STOP R-GEAR 90 N	
139	SELECTOR SPRING FORCE, OUTSIDE 17 N	
143	SELECTION PATTERN VARIANT GEAR SHIFT PATTERN 1	