



# Spare Parts Catalog

16 S 221

Material number: 1316.051.339



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 KERAX 300.26	
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 Renault Vehicules Industriels	
015	Eng.Displ.	
016	Cylinder	
017	Nom. power 280 kW	
018	RPM at nom. power 2000 1/min	
019	Nom. torque 1730 Nm	
020	RPM at nom. torque 1200 1/min	
021	Classification use case -----	
022	APPROVAL NOTE 1 ERSTEINBAU*UEBERPRUEFUNG ERFORDERLICH	
024	DESIGNATION, CLUTCH 430DTE	
025	MANUFACTURER, CLUTCH VALEO	
026	TOTAL NUMBER OF GEARS 6	
027	NUMBER OF DRIVING GEARS 4	
028	DYNAMIC TYRE RADIUS 522 mm	
029	REAR AXLE RATIO 5.79	
033	PERMISS.GROSS VEHICLE WEIGHT 34 t	
034	PERMISS.GROSS COMBIN.WEIGHT 90 t	



Pos.	Information	Amendment number
035	Product description -----	
036	INSTALLATION POS TRANSMISSION HORIZONTAL LEFT	
037	TRANSMISSION ATTACHMENT FLANGE-MOUNTED	
039	RATIO, BOTTOM GEAR 13.86	
040	RATIO, TOP GEAR .84	
041	RATIO, 1ST GEAR 13.86	
042	RATIO, 2ND GEAR 11.59	
043	RATIO, 3RD GEAR 9.52	
044	RATIO, 4TH GEAR 7.96	
045	RATIO, 5TH GEAR 6.56	
046	RATIO, 6TH GEAR 5.48	
047	RATIO, 7TH GEAR 4.58	
048	RATIO, 8TH GEAR 3.83	
049	RATIO, 9TH GEAR 3.02	
050	RATIO, 10TH GEAR 2.53	
051	RATIO, 11TH GEAR 2.08	
052	RATIO, 12TH GEAR 1.74	
053	RATIO, 13TH GEAR 1.43	
054	RATIO, 14TH GEAR 1.2	
055	RATIO, 15TH GEAR 1	
056	RATIO, 16TH GEAR .84	
057	RATIO, 1ST GEAR REVERSE 12.97	
058	RATIO, 2ND GEAR REVERSE 10.85	
059	SET OF RATIOS SG	
060	UEBERSETZUNGSREIHE BASIS DG	
061	NUMBER OF PLANETARY GEARS 5	
062	UEBERSETZUNG PLANETENSATZ 4.583	
063	AUSF VERZAHNUNG PLANETENSATZ STRAIGHT SPUR GEAR	
064	DESIGN, SHIFT SYSTEM TURNING SHAFT	
065	POSITION, GEAR SHIFT SYSTEM HORIZONTAL LEFT	



Pos.	Information	Amendment number
066	DESIGN, SHIFT PATTERN H-H	
070	AUSFUEHRUNG ROHR GP PLASTIC-FORM-PIPE	
082	DESIGN, THROTTLE, CUT-OFF VALVE D=1.55	
083	AUSF LUFTANSCHL ABSCHALTVENTIL F	
084	MONTAGEHINWEIS ABSCHALTVENTIL CUT-OFF VALVE	
087	SELECTION PATTERN VARIANT GEAR SHIFT PATTERN 1	
091	DESIGN, SEPARATING CLUTCH FULL-SYNCHRONIZED	
092	VERSION OF SYNCHRONIZER 1 1.-4.GEAR BK-SYNCHRONIZATION	
094	REFERENCE LENGTH INPUT SHAFT 109 mm	
095	STANDARD TYPE INPUT SHAFT SAE	
097	NUMBER OF WEDGES INPUT SHAFT 10	
100	VERSION OF INPUT SHAFT FORM C	
101	NOMINAL DIAMETER INPUT SHAFT 2 in	
103	DIAMETER, JOURNAL, INPUT SHAFT 25 mm	
104	TYPE FIT SPIGOTS INPUT SHAFT F7	
105	VER. BEAR. SPIGOTS INPUT SHAFT TAPER ROLLER	
106	LENGTH, INPUT SHAFT 395.5 mm	
107	DIAMETER SHAFT OF INPUT SHAFT 50.3 mm	
108	LENGTH, PROFILE, INPUT SHAFT 120 mm	
109	BUSH VARIANT INPUT SHAFT WITHOUT GROOVE	
110	AUSF LAGERUNG KONSTANTE 1 GL	
111	D-LAGER ANTRIEBSWELLE 99.916 mm	
112	PASSUNGSART LAGER ANTR.WELLE H5	
114	DESIGN, CONN., CLUTCH HOUSING SAE 1	
119	AUSFUEHRUNG KUPPLUNGSGEHAEUSE INTEGRATED	
120	DESIGN BEARING OUTPUT STANDARD SUSPENSION	
122	LAGE ANFL.FLAECHE GEHAEUSE2 WITHOUT GROOVE	
129	TYPE OF RELEASE MECHANISM WITH	
130	REF.LENGTH, RELEASE BEAR.FLAN -24 mm	
131	DIAMETER, RELEASE FLANGE 60 mm	

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Pos.	Information	Amendment number
132	TYPE FIT RELEASE BEARING FLA. F8	
136	ASSEMBLY POS. CLUTCH CYLINDER 6	
137	OUTER DIA. OUTPUT FLANGE RA 180 mm	
138	NO.OF BORES OUTPUT FLANGE HA1 4	
140	BORE DIA. OUTPUT FLANGE RA 15 mm	
144	CORROS.PROTECTION, OUTP.FLANGE COATED	
145	REF. LENGTH OUTPUT FLANGE RA 211.5 mm	
152	DIMENSION SHIFT TURRET DIST. 288 mm	
153	MEAS. LOC. SHIFT TURRET DIST. SHIFT LEVER-LOCATION	
160	RADIUS 1 SHIFT LEVER 105 mm	
163	DESIGN, OFFSET, SHIFT LEVER INSIDE	
164	LOCATION GEAR SHIFT LEVER TAPER OUTSIDE	
165	LEVER POSITION SHIFTING OUTPUT C	
169	G.SHIFT LEVER ANGL.EPSILON MIN 4 °GRAD	
170	G.SHIFT LEVER ANGL.EPSILON MAX 9 °GRAD	
176	SPRING ARRANGEMENT Q2	
177	SPRING FORCE DETENT PLUNGER RG 120 N	
180	HUMP SPRING FORCE, OUTSIDE 60 N	
181	HUMP SPRING FORCE, CENTRE 70 N	
184	SELECTOR SPRING FORCE, OUTSIDE 35 N	
185	SELECTOR SPRING FORCE, INSIDE 26 N	
186	SPRING FORCE,GEAR DETENT NG+GG 168 N	
187	FEDERKRAFT AUSSEN RASTE NG 200 N	
196	SWITCH, REVERSE GEAR y	
197	DESIGN, RG (REV.GEAR) SWITCH CLOSING	
198	DESIGN, CONNECTION, RG SWITCH DIN BAYONET	
199	CODE SWITCH RG A1	
200	PROT. CAP SWITCH, REVERSE GEAR y	
202	NOTE ON SWITCH, REVERSE GEAR G.SHIFT SHAFT	
203	SWITCH, NEUTRAL GEAR y	