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Quote senza tolleranza secondo UNI ISO 22768-1 / Precisione: **Medio**
 Dimensions without toll. acc. to UNI ISO 22768-1 / Precision: **Medium**

Precisione/Precision	fino a 6	>6 a 30	>30 a 120	>120 a 400	>400 a 1.000	>1.000 a 2.000	>2.000 a 4.000	oltre 4.000
Gross./Medium large	± 0,2	± 0,5	± 0,8	± 1,2	± 2,0	± 3,0	± 4,0	± 5,0
Medio/Medium	± 0,1	± 0,2	± 0,3	± 0,5	± 0,8	± 1,2	± 2,0	± 3,0
Fine/Thin	± 0,05	± 0,1	± 0,15	± 0,2	± 0,3	± 0,5		

Grado di precisione angolare/Angular precision

Precisione/Precision	fino a 10	>10 a 50	>50 a 120	>120 a 400	oltre 400
Gross./Medium large	± 1° 30'	± 1° 00'	± 0° 30'	± 0° 15'	± 0° 10'
Medio/Medium	± 1° 00'	± 0° 30'	± 0° 20'	± 0° 10'	± 0° 05'
Fine/Thin	± 1° 00'	± 0° 30'	± 0° 20'	± 0° 10'	± 0° 05'

Equivalenza rugosità:
 Roughness equivalence:
 ISO Metodo E ISO Method E

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Riduttore tipo/ Gearbox type: CL14-N	
Cliente/Customer:	
Descrizione/Description: SCHEMA ESPLOSO / EXPLODED DRAWING	
Materiale/Material:	Norma/Norm (UNI):
Tratt.Term./Heat Treat.:	
Dimens. gr./Dimensions (mm):	Peso grezzo/Gross Wt (kg):
	Peso finito/Net Wt (kg):
Rifer. assieme n°/Assembly ref. n°:	Peso/Wt. (kg) Olio/Oil: 3,75 (kg)
WX04833	Data/Date: 18/03/2005
Disegno parte n°/Draw part n°:	Scala/Scale: 1:6
WJ04833	Data/Date: 18/03/2005
REV. R00	Foglio/Sheet 1 di/ of 1
REV. R00	Formato/Size A3
	Disegn./Dwn. by Madau P.



Position	Drawing n°	Weight (kg)	Description	Material / Notes	Output pinion configuration / Customer												
					Z=10 M=11 f=80	Z=11 M=10 f=80	Z=11 M=10 f=86	Z=11 M=10 f=100	Z=11 M=12 f=120	Z=12 M=10 f=80	Z=12 M=10 f=100	Z=13 M=10 f=80	Z=14 M=10 f=80	Z=15 M=8 f=80	Z=15 M=10 f=100		
					Standard	Standard	Raimondi	Raimondi	Raimondi	Standard	Raimondi	Standard	Standard	Standard	Ma-Sol		
					Quantity / Drawing n° / Weight (kg)												
1	BP6254	9,26	Motor flange Ø250	EN-GJL-250 BS EN 1561	1	1	1	1	1	1	1	1	1	1	1	1	1
2	DH3813/A	10,90	Wheel housing 1° - 2° reduction	EN-GJL-250 BS EN 1561	1	1	1	1	1	1	1	1	1	1	1	1	
3	DI3859	25,80	Output pinion housing	EN-GJL-250 BS EN 1561	1	1	1	1	1	1	1	1	1	1	1	1	
4	BF6267/24 BF6267/28	0,860 0,780	Motor bush Ø24 Motor bush Ø28	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	
5	CR4747/A	0,050	Stud for flange motor Ø250	S355J0 EN 10025	4	4	4	4	4	4	4	4	4	4	4	4	
6	AA6267/150	0,150	Input pinion Z=12 M=2,25	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1	
7	DR00152	0,930	Pinion flange 2° reduction	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	
8	AB00152	0,370	Pinion 2° reduction Z=12 M=3	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1	
9	BB6259	0,054	Pivot 1° reduction	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	
10	AK3804	0,100	Planetary gear 1° reduction Z=21 M=2,25	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	
11	AR3815/A	1,40	Wheel 1° reduction Z=54 M=2,25	C45 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	
12	AC3803	2,12	Flanged pinion 3° reduction Z=15 M=3,5	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1	
13	CH3802	1,36	Planetary gear half-cage 2° reduction	EN-GJS-400/18 BS EN 1563	1	1	1	1	1	1	1	1	1	1	1	1	
14	BC6259	0,130	Pivot 2° reduction	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	
15	AW3804	0,430	Planetary gear 2° reduction Z=21 M=3	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	
16	AR3815/B	2,88	Wheel 2° reduction Z=54 M=3	C45 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	
17	DL4722	7,46	Planetary gear cage 3° reduction	EN-GJS-400/18 BS EN 1563	1	1	1	1	1	1	1	1	1	1	1	1	
18	BD6259	0,150	Spina di trascinamento 3° reduction	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	
19	AJ3804	0,700	Planetary gear 3° reduction Z=24 M=3,5	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	
20	AR3820	9,97	Wheel 3° reduction Z=63 M=3,5	C45 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	
21	CB2411	0,560	Locking washer	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1	
22	CB6275	0,250	Locking washer	S355J0 EN 10025	-	-	1	1	1	-	1	-	-	-	-	1	
23	-	-	Involute splined shaft for output pinion	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	
					AZ00153 10,60	AZ00153 10,60	AZ00154 10,45	AZ00153 10,60	AZ00152/A 11,50	AZ00153 10,60	AZ00153 10,60	AZ00153 10,60	AZ00153 10,60	AZ00153 10,60	AZ00153 10,60	AZ00152/B 10,93	
24	-	-	Output pinion	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	
					AE6263 4,90	AE6263 4,46	AE6264 4,80	AE6283 5,54	AE6265 11,02	AE6263 4,70	AE6266 5,82	AE6263 7,03	AE6263 7,76	AE6263 4,54	AE6276 11,70		
25	226209-2RS	0,410	Bearing type 6209-2RS		1	1	1	1	1	1	1	1	1	1	1	1	
26	063653-45	0,0075	Retaining ring for shaft Ø45	UNI 7435 - DIN 471	1	1	1	1	1	1	1	1	1	1	1	1	
27	063654-85	0,025	Retaining ring for bore Ø85	UNI 7437 - DIN 472	2	2	2	2	2	2	2	2	2	2	2	2	
28	1485X52X10	0,062	Oil seal type 85x52x10		1	1	1	1	1	1	1	1	1	1	1	1	
29	15OR112	0,002	O-Ring type OR-112 (Dowty 613)		4	4	4	4	4	4	4	4	4	4	4	4	
30	226002-2RS	0,030	Bearing type 6002-2RS		6	6	6	6	6	6	6	6	6	6	6	6	
31	063654-32	0,0022	Retaining ring for bore Ø32	UNI 7437 - DIN 472	3	3	3	3	3	3	3	3	3	3	3	3	
32	1323X15X1	0,002	Thickness type Ø23,8xØ15,2x1		3	3	3	3	3	3	3	3	3	3	3	3	
33	063653-15	0,0007	Retaining ring for shaft Ø15	UNI 7435 - DIN 471	3	3	3	3	3	3	3	3	3	3	3	3	
34	23AS2035	0,005	Axial fifth wheel type AS2035		6	6	6	6	6	6	6	6	6	6	6	6	
35	22HK2526	0,046	Bearing type HK2526		3	3	3	3	3	3	3	3	3	3	3	3	
36	22IR20X25X26	0,037	Bearing type IR20x25x26,5		3	3	3	3	3	3	3	3	3	3	3	3	
37	226304	0,140	Bearing type 6304		6	6	6	6	6	6	6	6	6	6	6	6	
38	063564-52	0,0082	Retaining ring for bore Ø52	UNI 7437 - DIN 472	3	3	3	3	3	3	3	3	3	3	3	3	
39	226213	0,990	Bearing type 6213		1	1	1	1	1	1	1	1	1	1	1	1	
40	063654-120	0,077	Retaining ring for bore Ø120	UNI 7437 - DIN 472	1	1	1	1	1	1	1	1	1	1	1	1	
41	14110X75X12	0,093	Oil seal type 110x75x12		1	1	1	1	1	1	1	1	1	1	1	1	
42	2222216	2,10	Bearing type 22216		1	1	1	1	1	1	1	1	1	1	1	1	
43	063654-140	0,088	Retaining ring for bore Ø140	UNI 7437 - DIN 472	1	1	1	1	1	1	1	1	1	1	1	1	
44	14140X80X12	0,160	Oil seal type 140x80x12		1	1	1	1	1	1	1	1	1	1	1	1	
45	046873-8X26	0,006	Spring pin Ø8x26	UNI 6873 - DIN 1481 - ISO 8752	1	1	1	1	1	1	1	1	1	1	1	1	
46	046873-8X40	0,009	Spring pin Ø8x40	UNI 6873 - DIN 1481 - ISO 8752	1	1	1	1	1	1	1	1	1	1	1	1	
47	046873-10X60	0,022	Spring pin Ø10x60	UNI 6873 - DIN 1481 - ISO 8752	2	2	2	2	2	2	2	2	2	2	2	2	
48	046873-6X60	0,008	Spring pin Ø6x60	UNI 6873 - DIN 1481 - ISO 8752	2	2	2	2	2	2	2	2	2	2	2	2	
49	17SO38-330528	0,041	Fille plug 3/8" (brass)		1	1	1	1	1	1	1	1	1	1	1	1	
50	17CA38-320467	0,010	Filler plug da 3/8" (aluminium)		1	1	1	1	1	1	1	1	1	1	1	1	
51	389025-10X1	0,007	Grease nipples 10x1		1	1	1	1	1	1	1	1	1	1	1	1	
52	063653-60	0,013	Retaining ring for shaft Ø60	UNI 7435 - DIN 471	1	1	-	-	-	1	-	1	1	1	-	-	
53	015931GR8X40	0,021	Hexagon socket head cap screw TCE M8x40	UNI 5931 - DIN 912	3	3	3	3	3	3	3	3	3	3	3	3	
54	017991GR10X30	0,021	Socket flat head cap screw TCE M10x30	UNI 5933 - DIN 7991	-	-	1	1	1	-	1	-	-	-	-	1	
55	015931GR10X45	0,037	Hexagon socket head cap screw TCE M10x45	UNI 5931 - DIN 912	4	4	4	4	4	4	4	4	4	4	4	4	
56	015931GR10X70	0,052	Hexagon socket head cap screw TCE M10x70	UNI 5931 - DIN 912	6	6	6	6	6	6	6	6	6	6	6	6	
57	015931GR10X30	0,028	Hexagon socket head cap screw TCE M10x30	UNI 5931 - DIN 912	1	1	1	1	1	1	1	1	1	1	1	1	
58	037473-MA10	0,013	Hexagon lock-nut with nylon insert M10x1,5	UNI 7473 - DIN 982	4	4	4	4	4	4	4	4	4	4	4	4	
59	015739ZB10X10	0,017	Hexagon cap screw TE M10x10	UNI 5739 - DIN 933	1	1	1	1	1	1	1	1	1	1	1	1	
Gearbox total weight (kg)					101	100	101	102	108	100	102	103	103	100	108		



Position	Drawing n°	Weight (kg)	Description	Material / Notes	Output pinion configuration / Customer											
					Z=10 M=11 f=80	Z=11 M=10 f=80	Z=11 M=10 f=86	Z=11 M=10 f=100	Z=11 M=12 f=120	Z=12 M=10 f=80	Z=12 M=10 f=100	Z=13 M=10 f=80	Z=14 M=10 f=80	Z=15 M=8 f=80	Z=15 M=10 f=100	
					Standard	Standard	Raimondi	Raimondi	Raimondi	Standard	Raimondi	Standard	Standard	Standard	Ma-Sol	
					Quantity / Drawing n° / Weight (kg)											
1	BP6254	9,26	Motor flange Ø250	EN-GJL-250 BS EN 1561	1	1	1	1	1	1	1	1	1	1	1	1
2	DH3813/A	10,90	Wheel housing 1° - 2° reduction	EN-GJL-250 BS EN 1561	1	1	1	1	1	1	1	1	1	1	1	1
3	DI3859	25,80	Output pinion housing	EN-GJL-250 BS EN 1561	1	1	1	1	1	1	1	1	1	1	1	1
4	BF6267/24 BF6267/28	0,860 0,780	Motor bush Ø24 Motor bush Ø28	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1
5	CR4747/A	0,050	Stud for motor flange Ø250	S355J0 EN 10025	4	4	4	4	4	4	4	4	4	4	4	4
6	AA6267/170	0,150	Input pinion Z=14 M=2	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1
7	DR00152	0,930	Pinion flange 2° reduction	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1
8	AB00152	0,370	Pinion 2° reduction Z=12 M=3	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1
9	BB6259	0,054	Pivot 1° reduction	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3
10	AK5897	0,160	Planetary gear 1° reduction Z=26 M=2	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3
11	AR5902	1,13	Wheel 1° reduction Z=67 M=2	C45 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1
12	AC3803	2,12	Flanged pinion 3° reduction Z=15 M=3,5	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1
13	CH3802	1,36	Planetary gear half-cage 2° reduction	EN-GJS-400/18 BS EN 1563	1	1	1	1	1	1	1	1	1	1	1	1
14	BC6259	0,130	Pivot 2° reduction	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3
15	AW3804	0,430	Planetary gear 2° reduction Z=21 M=3	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3
16	AR3815/B	2,88	Wheel 2° reduction Z=54 M=3	C45 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1
17	DL4722	7,46	Planetary gear cage 3° reduction	EN-GJS-400/18 BS EN 1563	1	1	1	1	1	1	1	1	1	1	1	1
18	BD6259	0,150	Pivot 3° reduction	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3
19	AJ3804	0,700	Planetary gear 3° reduction Z=24 M=3,5	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3
20	AR3820	9,97	Wheel 3° reduction Z=63 M=3,5	C45 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1
21	CB2411	0,560	Locking washer	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1
22	CB6275	0,250	Locking washer	S355J0 EN 10025	-	-	1	1	1	-	1	-	-	-	-	1
23	-	-	Involute splined shaft for output pinion	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1
					AZ00153 10,60	AZ00153 10,60	AZ00154 10,45	AZ00153 10,60	AZ00152/A 11,50	AZ00153 10,60	AZ00153 10,60	AZ00153 10,60	AZ00153 10,60	AZ00153 10,60	AZ00153 10,93	
24	-	-	Output pinion	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1
					AE6263 4,90	AE6263 4,46	AE6264 4,80	AE6283 5,54	AE6265 11,02	AE6263 4,70	AE6266 5,82	AE6263 7,03	AE6263 7,76	AE6263 4,54	AE6276 11,70	
25	226209-2RS	0,410	Bearing type 6209-2RS		1	1	1	1	1	1	1	1	1	1	1	1
26	063653-45	0,0075	Retaining ring for shaft Ø45	UNI 7435 - DIN 471	1	1	1	1	1	1	1	1	1	1	1	1
27	063654-85	0,025	Retaining ring for bore Ø85	UNI 7437 - DIN 472	2	2	2	2	2	2	2	2	2	2	2	2
28	1485X52X10	0,062	Oil seal type 85x52x10		1	1	1	1	1	1	1	1	1	1	1	1
29	15OR112	0,002	O-Ring type OR-112 (Dowty 613)		4	4	4	4	4	4	4	4	4	4	4	4
30	226002-2RS	0,030	Bearing type 6002-2RS		6	6	6	6	6	6	6	6	6	6	6	6
31	063654-32	0,0022	Retaining ring for bore Ø32	UNI 7437 - DIN 472	3	3	3	3	3	3	3	3	3	3	3	3
32	1323X15X1	0,002	Thickness type Ø23,8xØ15,2x1		3	3	3	3	3	3	3	3	3	3	3	3
33	063653-15	0,0007	Retaining ring for shaft Ø15	UNI 7435 - DIN 471	3	3	3	3	3	3	3	3	3	3	3	3
34	23AS2035	0,005	Axial fifth wheel type AS2035		6	6	6	6	6	6	6	6	6	6	6	6
35	22HK2526	0,046	Bearing type HK2526		3	3	3	3	3	3	3	3	3	3	3	3
36	22IR20X25X26	0,037	Bearing type IR20x25x26,5		3	3	3	3	3	3	3	3	3	3	3	3
37	226304	0,140	Bearing type 6304		6	6	6	6	6	6	6	6	6	6	6	6
38	063564-52	0,0082	Retaining ring for bore Ø52	UNI 7437 - DIN 472	3	3	3	3	3	3	3	3	3	3	3	3
39	226213	0,990	Bearing type 6213		1	1	1	1	1	1	1	1	1	1	1	1
40	063654-120	0,077	Retaining ring for bore Ø120	UNI 7437 - DIN 472	1	1	1	1	1	1	1	1	1	1	1	1
41	14110X75X12	0,093	Oil seal type 110x75x12		1	1	1	1	1	1	1	1	1	1	1	1
42	2222216	2,10	Bearing type 22216		1	1	1	1	1	1	1	1	1	1	1	1
43	063654-140	0,088	Retaining ring for bore Ø140	UNI 7437 - DIN 472	1	1	1	1	1	1	1	1	1	1	1	1
44	14140X80X12	0,160	Oil seal type 140x80x12		1	1	1	1	1	1	1	1	1	1	1	1
45	046873-8X26	0,006	Spring pin Ø8x26	UNI 6873 - DIN 1481 - ISO 8752	1	1	1	1	1	1	1	1	1	1	1	1
46	046873-8X40	0,009	Spring pin Ø8x40	UNI 6873 - DIN 1481 - ISO 8752	1	1	1	1	1	1	1	1	1	1	1	1
47	046873-10X60	0,022	Spring pin Ø10x60	UNI 6873 - DIN 1481 - ISO 8752	2	2	2	2	2	2	2	2	2	2	2	2
48	046873-6X60	0,008	Spring pin Ø6x60	UNI 6873 - DIN 1481 - ISO 8752	2	2	2	2	2	2	2	2	2	2	2	2
49	17SO38-330528	0,041	Filler plug 3/8" (brass)		1	1	1	1	1	1	1	1	1	1	1	1
50	17CA38-320467	0,010	Filler plug 3/8" (aluminium)		1	1	1	1	1	1	1	1	1	1	1	1
51	389025-10X1	0,007	Grease nipples 10x1		1	1	1	1	1	1	1	1	1	1	1	1
52	063653-60	0,013	Retaining ring for shaft Ø60	UNI 7435 - DIN 471	1	1	-	-	-	1	-	1	1	1	-	-
53	015931GR8X40	0,021	Hexagon socket head cap screw TCE M8x40	UNI 5931 - DIN 912	3	3	3	3	3	3	3	3	3	3	3	3
54	017991GR10X30	0,021	Socket flat head cap screw TCE M10x30	UNI 5933 - DIN 7991	-	-	1	1	1	-	1	-	-	-	-	1
55	015931GR10X45	0,037	Hexagon socket head cap screw TCE M10x45	UNI 5931 - DIN 912	4	4	4	4	4	4	4	4	4	4	4	4
56	015931GR10X70	0,052	Hexagon socket head cap screw TCE M10x70	UNI 5931 - DIN 912	6	6	6	6	6	6	6	6	6	6	6	6
57	015931GR10X30	0,028	Hexagon socket head cap screw TCE M10x30	UNI 5931 - DIN 912	1	1	1	1	1	1	1	1	1	1	1	1
58	037473-MA10	0,013	Hexagon lock-nut with nylon insert M10x1,5	UNI 7473 - DIN 982	4	4	4	4	4	4	4	4	4	4	4	4
59	015739ZB10X10	0,017	Hexagon cap screw TE M10x10	UNI 5739 - DIN 933	1	1	1	1	1	1	1	1	1	1	1	1
Gearbox total weight (kg)					101	100	100	101	108	100	102	103	103	100	108	



Position	Drawing n°	Weight (kg)	Description	Material / Notes	Output pinion configuration / Customer												
					Z=10 M=11 f=80	Z=11 M=10 f=80	Z=11 M=10 f=86	Z=11 M=10 f=100	Z=11 M=12 f=120	Z=12 M=10 f=80	Z=12 M=10 f=100	Z=13 M=10 f=80	Z=14 M=10 f=80	Z=15 M=8 f=80	Z=15 M=10 f=100		
					Standard	Standard	Raimondi	Raimondi	Raimondi	Standard	Raimondi	Standard	Standard	Standard	Ma-Sol		
					Quantity / Drawing n° / Weight (kg)												
1	BP6254	9,26	Motor flange Ø250	EN-GJL-250 BS EN 1561	1	1	1	1	1	1	1	1	1	1	1	1	1
2	DH3813/A	10,90	Wheel housing 1° - 2° reduction	EN-GJL-250 BS EN 1561	1	1	1	1	1	1	1	1	1	1	1	1	1
3	DI3859	25,80	Output pinion housing	EN-GJL-250 BS EN 1561	1	1	1	1	1	1	1	1	1	1	1	1	1
4	BF6267/24 BF6267/28	0,860 0,780	Motor bush Ø24 Motor bush Ø28	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	1
5	CR4747/A	0,050	Stud for motor flange Ø250	S355J0 EN 10025	4	4	4	4	4	4	4	4	4	4	4	4	4
6	AA6267/180	0,150	Input pinion Z=13 M=2	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1	1
7	DR00152	0,930	Pinion flange 2° reduction	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	1
8	AB00152	0,370	Pinion 2° reduction Z=12 M=3	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1	1
9	BB6259	0,054	Pivot 1° reduction	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	3
10	AK5898	0,170	Planetary gear 1° reduction Z=27 M=2	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	3
11	AR5899	1,08	Wheel 1° reduction Z=68 M=2	C45 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	1
12	AC3803	2,12	Flanged pinion 3° reduction Z=15 M=3,5	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1	1
13	CH3802	1,36	Planetary gear half-cage 2° reduction	EN-GJS-400/18 BS EN 1563	1	1	1	1	1	1	1	1	1	1	1	1	1
14	BC6259	0,130	Pivot 2° reduction	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	3
15	AW3804	0,430	Planetary gear 2° reduction Z=21 M=3	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	3
16	AR3815/B	2,88	Wheel 2° reduction Z=54 M=3	C45 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	1
17	DL4722	7,46	Planetary gear cage 3° reduction	EN-GJS-400/18 BS EN 1563	1	1	1	1	1	1	1	1	1	1	1	1	1
18	BD6259	0,150	Pivot 3° reduction	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	3
19	AJ3804	0,700	Planetary gear 3° reduction Z=24 M=3,5	18NiCrMo5 EN 10084	3	3	3	3	3	3	3	3	3	3	3	3	3
20	AR3820	9,97	Wheel 3° reduction Z=63 M=3,5	C45 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	1
21	CB2411	0,560	Locking washer	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1	1
22	CB6275	0,250	Locking washer	S355J0 EN 10025	-	-	1	1	1	-	1	-	-	-	-	-	1
23	-	-	Involute splined shaft for output pinion	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	1
					AZ00153 10,60	AZ00153 10,60	AZ00154 10,45	AZ00153 10,60	AZ00152/A 11,50	AZ00153 10,60	AZ00153 10,60	AZ00153 10,60	AZ00153 10,60	AZ00153 10,60	AZ00153 10,93		
24	-	-	Output pinion	39NiCrMo3 EN 10083	1	1	1	1	1	1	1	1	1	1	1	1	1
					AE6263 4,90	AE6263 4,46	AE6264 4,80	AE6283 5,54	AE6265 11,02	AE6263 4,70	AE6266 5,82	AE6263 7,03	AE6263 7,76	AE6263 4,54	AE6276 11,70		
25	226209-2RS	0,410	Bearing type 6209-2RS		1	1	1	1	1	1	1	1	1	1	1	1	1
26	063653-45	0,0075	Retaining ring for shaft Ø45	UNI 7435 - DIN 471	1	1	1	1	1	1	1	1	1	1	1	1	1
27	063654-85	0,025	Retaining ring for bore Ø85	UNI 7437 - DIN 472	2	2	2	2	2	2	2	2	2	2	2	2	2
28	1485X52X10	0,062	Oil seal type 85x52x10		1	1	1	1	1	1	1	1	1	1	1	1	1
29	15OR112	0,002	O-Ring type OR-112 (Dowty 613)		4	4	4	4	4	4	4	4	4	4	4	4	4
30	226002-2RS	0,030	Bearing type 6002-2RS		6	6	6	6	6	6	6	6	6	6	6	6	6
31	063654-32	0,0022	Retaining ring for bore Ø32	UNI 7437 - DIN 472	3	3	3	3	3	3	3	3	3	3	3	3	3
32	1323X15X1	0,002	Thickness type Ø23,8xØ15,2x1		3	3	3	3	3	3	3	3	3	3	3	3	3
33	063653-15	0,0007	Retaining ring for shaft Ø15	UNI 7435 - DIN 471	3	3	3	3	3	3	3	3	3	3	3	3	3
34	23AS2035	0,005	Axial fifth wheel type AS2035		6	6	6	6	6	6	6	6	6	6	6	6	6
35	22HK2526	0,046	Bearing type HK2526		3	3	3	3	3	3	3	3	3	3	3	3	3
36	22IR20X25X26	0,037	Bearing type IR20x25x26,5		3	3	3	3	3	3	3	3	3	3	3	3	3
37	226304	0,140	Bearing type 6304		6	6	6	6	6	6	6	6	6	6	6	6	6
38	063564-52	0,0082	Retaining ring for bore Ø52	UNI 7437 - DIN 472	3	3	3	3	3	3	3	3	3	3	3	3	3
39	226213	0,990	Bearing type 6213		1	1	1	1	1	1	1	1	1	1	1	1	1
40	063654-120	0,077	Retaining ring for bore Ø120	UNI 7437 - DIN 472	1	1	1	1	1	1	1	1	1	1	1	1	1
41	14110X75X12	0,093	Oil seal type 110x75x12		1	1	1	1	1	1	1	1	1	1	1	1	1
42	2222216	2,10	Bearing type 22216		1	1	1	1	1	1	1	1	1	1	1	1	1
43	063654-140	0,088	Retaining ring for bore Ø140	UNI 7437 - DIN 472	1	1	1	1	1	1	1	1	1	1	1	1	1
44	14140X80X12	0,160	Oil seal type 140x80x12		1	1	1	1	1	1	1	1	1	1	1	1	1
45	046873-8X26	0,006	Spring pin Ø8x26	UNI 6873 - DIN 1481 - ISO 8752	1	1	1	1	1	1	1	1	1	1	1	1	1
46	046873-8X40	0,009	Spring pin Ø8x40	UNI 6873 - DIN 1481 - ISO 8752	1	1	1	1	1	1	1	1	1	1	1	1	1
47	046873-10X60	0,022	Spring pin Ø10x60	UNI 6873 - DIN 1481 - ISO 8752	2	2	2	2	2	2	2	2	2	2	2	2	2
48	046873-6X60	0,008	Spring pin Ø6x60	UNI 6873 - DIN 1481 - ISO 8752	2	2	2	2	2	2	2	2	2	2	2	2	2
49	17SO38-330528	0,041	Filler plug 3/8" (brass)		1	1	1	1	1	1	1	1	1	1	1	1	1
50	17CA38-320467	0,010	Filler plug 3/8" (aluminium)		1	1	1	1	1	1	1	1	1	1	1	1	1
51	389025-10X1	0,007	Grease nipples 10x1		1	1	1	1	1	1	1	1	1	1	1	1	1
52	063653-60	0,013	Retaining ring for shaft Ø60	UNI 7435 - DIN 471	1	1	-	-	-	1	-	1	1	1	1	-	-
53	015931GR8X40	0,021	Hexagon socket head cap screw TCE M8x40	UNI 5931 - DIN 912	3	3	3	3	3	3	3	3	3	3	3	3	3
54	017991GR10X30	0,021	Socket flat head cap screw TCE M10x30	UNI 5933 - DIN 7991	-	-	1	1	1	-	1	-	-	-	-	-	1
55	015931GR10X45	0,037	Hexagon socket head cap screw TCE M10x45	UNI 5931 - DIN 912	4	4	4	4	4	4	4	4	4	4	4	4	4
56	015931GR10X70	0,052	Hexagon socket head cap screw TCE M10x70	UNI 5931 - DIN 912	6	6	6	6	6	6	6	6	6	6	6	6	6
57	015931GR10X30	0,028	Hexagon socket head cap screw TCE M10x30	UNI 5931 - DIN 912	1	1	1	1	1	1	1	1	1	1	1	1	1
58	037473-MA10	0,013	Hexagon lock-nut with nylon insert M10x1,5	UNI 7473 - DIN 982	4	4	4	4	4	4	4	4	4	4	4	4	4
59	015739ZB10X10	0,017	Hexagon cap screw TE M10x10	UNI 5739 - DIN 933	1	1	1	1	1	1	1	1	1	1	1	1	1
Gearbox total weight (kg)					101	100	100	101	108	100	102	103	103	100	108		