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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

$\sqrt{Ra} = \sqrt{12.5} / \sqrt{Rz} = \sqrt{3.2} / \sqrt{Rq} = \sqrt{0.8}$

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Riduttore tipo/ Gearbox type: CL14-N-LEROY	
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)
WX03831	Data/Date: 12/04/2005
Disegno parte n°/Draw part n°:	Scala/Scale: 1:6
WJ03831	Data/Date: 12/04/2005
REV. R00	Foglio/Sheet 1 di/ of 1
REV. R00	Formato/Size A3
	Disegn./Dwn. by Madau P.

CL14-N for motor Leroy ratio 1/150



Output pinion configuration / Customer

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	BP3814	3,10	Leroy motor flange	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	BF3881	0,106	Leroy motor bush DP 32/64	18NiCrMo5 EN 10084	1	1	1	1	1	1	1	1	1	1	1	1	
5	CR4747/B	0,059	Leroy motor stud	S355J0 EN 10025	4	4	4	4	4	4	4	4	4	4	4	4	
6	AA3881	0,108	Input pinion Z=12 M=2,25 Leroy DP 32/64	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	Pignone 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	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	AZ00153	AZ00154	AZ00153	AZ00152/A	AZ00153	AZ00153	AZ00153	AZ00153	AZ00153	AZ00153	AZ00152/B	
24	-	-	Output pinion	39NiCrMo3 EN 10083	10,60	10,60	10,45	10,60	11,50	10,60	10,60	10,60	10,60	10,60	10,60	10,93	
					AE6263	AE6263	AE6264	AE6283	AE6265	AE6263	AE6266	AE6263	AE6263	AE6263	AE6263	AE6276	
25	1440X30X8	0,008	Oil seal type 40x30x8		4,90	4,46	4,80	5,54	11,02	4,70	5,82	7,03	7,76	4,54	11,70	1	
26	15OR112	0,002	O-Ring type OR-112 (Dowty 613)		1	1	1	1	1	1	1	1	1	1	1	1	
27	226002-2RS	0,030	Bearing type 6002-2RS		4	4	4	4	4	4	4	4	4	4	4	4	
28	063654-32	0,0022	Retaining ring for bore Ø32	UNI 7437 - DIN 472	6	6	6	6	6	6	6	6	6	6	6	6	
29	1323X15X1	0,002	Thickness type Ø23,8xØ15,2x1		3	3	3	3	3	3	3	3	3	3	3	3	
30	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	
31	23AS2035	0,005	Axial fifth wheel type AS2035		6	6	6	6	6	6	6	6	6	6	6	6	
32	22HK2526	0,046	Bearing type HK2526		3	3	3	3	3	3	3	3	3	3	3	3	
33	22IR20X25X26	0,037	Bearing type IR20x25x26,5		3	3	3	3	3	3	3	3	3	3	3	3	
34	226304	0,140	Bearing type 6304		6	6	6	6	6	6	6	6	6	6	6	6	
35	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	
36	226213	0,990	Bearing type 6213		1	1	1	1	1	1	1	1	1	1	1	1	
37	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	
38	14110X75X12	0,093	Oil seal type 110x75x12		1	1	1	1	1	1	1	1	1	1	1	1	
39	2222216	2,10	Bearing type 22216		1	1	1	1	1	1	1	1	1	1	1	1	
40	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	
41	14140X80X12	0,160	Oil seal type 140x80x12		1	1	1	1	1	1	1	1	1	1	1	1	
42	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	
43	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	
44	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	
45	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	
46	17SO38-330528	0,041	Filler plug 3/8" (brass)		1	1	1	1	1	1	1	1	1	1	1	1	
47	17CA38-320467	0,010	Filler plug 3/8" (aluminium)		1	1	1	1	1	1	1	1	1	1	1	1	
48	389025-10X1	0,007	Grease nipples 10x1		1	1	1	1	1	1	1	1	1	1	1	1	
49	063653-60	0,013	Retaining ring for shaft Ø60	UNI 7435 - DIN 471	1	1	-	-	-	1	-	-	1	1	1	-	
50	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	
51	017991GR10X30	0,021	Socket flat head cap screw TCE M10x30	UNI 5933 - DIN 7991	-	-	1	1	1	-	1	-	-	-	-	1	
52	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	
53	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	
54	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	
55	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)					93	93	93	94	100	93	94	95	96	93	101		