

# 211N




20Nm

## RCN series

## Full stainless steel ratio multipliers

The dynamic efficiency is 0.98 for all ratios

Input speed (n<sub>1</sub>) = 1400 min<sup>-1</sup>

Output speed	Ratio	Motor power	Output torque	Service factor	Nominal power	Nominal torque	B5 motor flanges		B14 motor flanges			Output shaft	Ratio code
n <sub>2</sub> [min-1]	i	P <sub>1M</sub> [kW]	M <sub>2M</sub> [Nm]	f.s	P <sub>1R</sub> [kW]	M <sub>2R</sub> [Nm]	-	-	-P	-Q			
							-	-	63	71		standard ø14	
682	2.05	0.37	5	2.0	0.73	10			C		1939		01
595	2.35	0.37	6	2.1	0.76	12			C		1740		02
500	2.80	0.37	7	2.0	0.75	14			C		1542		03
414	3.38	0.37	8	2.0	0.75	17			C		1344		04
298	4.70	0.37	12	1.7	0.64	20			C		1047		05
225	6.22	0.37	15	1.5	0.55	23			C		956		06
169	8.29	0.37	20	1.0	0.36	20			C		758		07
142	9.83	0.25	16	1.0	0.24	16			C		659		08

Motor flanges available



B) Supplied with reduction bushing

B) Available on request without reduction bushing



C) Motor flange holes position

### Lubrication

Unit 211N is supplied with synthetic oil to assure long life lubrication.

Food grade oil is available on request.

See Table 1 for lubrication and recommended quantity.

See Table 2 for possible radial and axial loads on the gearbox.

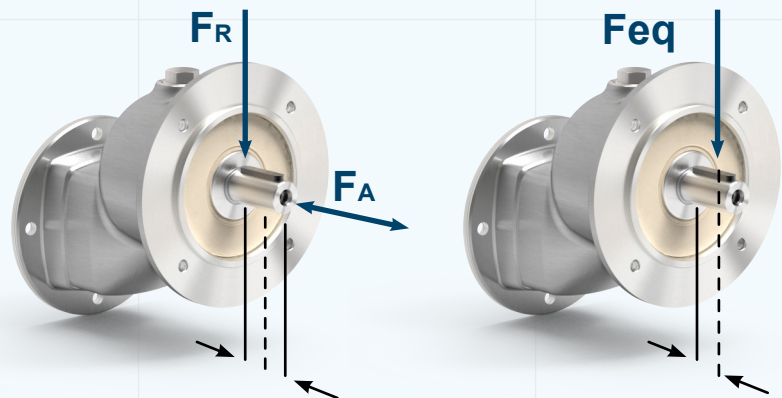
Oil quantity for all positions: 0.05 L	Shell Omala S4 WE 320	Eni Telium VSF 320
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### Radial and axial loads

Output shaft

n <sub>2</sub> [min-1]	Fa [N]	Fr [N]
700	101	504
600	120	600
400	138	696
300	151	756
200	175	876
140	192	960

$$F_{eq} = F_R \cdot \frac{34.5}{X + 19.5}$$



## P211N F

Basic gearbox

	Kit code	k1	g6
63B14	KI504047	99.5	90
71B14	KI504045	97	105

Gearbox weight	2.50 kg
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