




VFD series with ratio multiplier RCD series

Riduttori a vite senza fine in alluminio con precoppia serie RCD

D50 211D

D50 Ratios/Rating

Rapporti/Selezione D50



Ratio	Max output torque	Tooth module	Standard input bore	Ratio code
i_a	** M_{2R} [Nm]			
7	65	2.5	∅19	01
10	71	2.4	∅19	02
14	78	2.6	∅19	03
18	71	2.0	∅19	04
26	76	2.7	∅19	05
30	83	2.5	∅19	12
36	83	2.1	∅14	06
43	78	1.8	∅14	07
50	76	1.5	∅14	13
60	71	1.3	∅14	08
68	66	1.2	∅14	09
80	65	1.0	∅14	10
100	59	0.8	∅14	11

D50 weight
Peso D50

3.00 kg

211D Ratios/Power

Rapporti/potenza 211D

Ratio	Max input power	Output shaft	Ratios code
i_b	** P_{1M} [kW]		
2.05	0.37	∅14	01
2.35	0.37	∅14	02
2.80	0.37	∅14	03
3.38	0.37	∅14	04
4.70	0.37	∅14	05
6.22	0.37	∅14	06
8.29	0.37	∅14	07
9.83	0.25	∅14	08

211D weight
Peso 211D

1.40 kg



211D Motor flanges

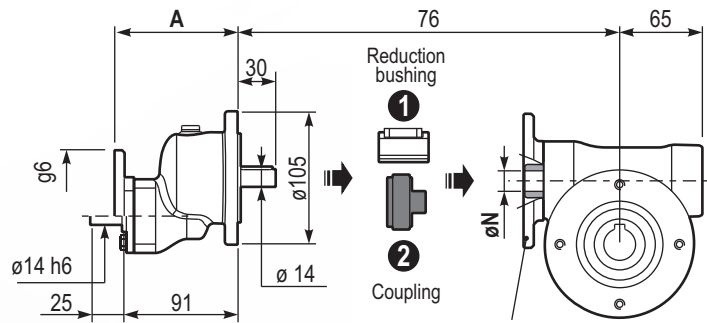
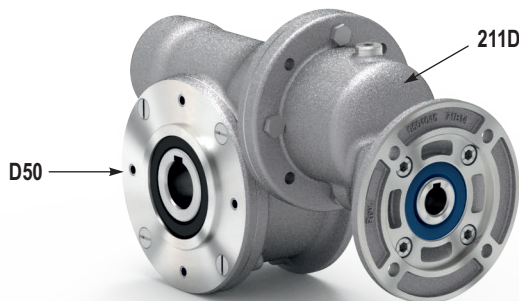
Flange motore 211D

	kit code	g6	A
63B5	KD454041	138	99.5
71B5	KD454042	160	97
56B14	KD454049	80	97
63B14	KD454047	90	99.5
71B14	KD454045	105	97

How to connect D50+211D

Come collegare D50 + 211D

Worm gearbox		Ratio multiplier	Connection kit	
Standard input bore		Output shaft	With standard input bore	With coupling
D50	∅N	211D		
Ratios from 1/7÷1/30	∅19	∅14	KBR14/19	KC14P
Ratios from 1/36÷1/100	∅14		Reduction bushing is not necessary	



(PAM 71B14)
kit cod. KD504045

Ratios range: from 1/14 to 1/983

Range rapporti: da 1/14 a 1/983

Lubrication

Lubrificazione

Unit D50+211D 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.

Il riduttore tipo D50+211D viene fornito con olio sintetico e lubrificazione tipo "long life".

Disponibile a richiesta olio alimentare. Vedi Tabella 1 per oli e quantità consigliati.

For all details on lubrication and plugs check our website.

Per maggiori dettagli su lubrificazione e tappi olio vedi il nostro sito web.

D50: 0.14 L	SHELL: Omala S4 WE 320	ENI: Telium VSF 320
211D: 0.05 L	SHELL: Omala S4 WE 320	ENI: Telium VSF 320

tab. 1

Calculate total ratio and output speed

Calcola il rapporto totale e la velocità di uscita

Ratios range: from 1/14 to 1/983

Range rapporti: da 1/14 a 1/983

$$i_{TOT} = i_a \cdot i_b$$

Ex.: $1/100 \times 1/9.83 = 1/983$ (Max ratio)

Output speed (n_2)

Velocità di uscita

$$n_2 = n_1 : i_{TOT}$$

Ex.: $1448 : 983 = 1.47$ rpm

i_a : D50 ratio - Rapporto D50

i_b : 211D ratio - Rapporto 211D

** Make sure input power for 211D and output torque for D50 is as catalogue ratios.

** Prestare attenzione a selezionare la potenza in entrata del 211D ed il momento torcente del D50 secondo le tabelle del catalogo.

n_1 Input speed

Velocità di ingresso