

Ficha Técnica
Redutor de Velocidade
PARAFUSO SEM FIM QUADRADO



MODELO	Q85	
Ø VEIO SAÍDA	35	mm
RÁCIO APROXIMADO	7	
RÁCIO EXATO	7.00	
VELOCIDADE SAÍDA	209	RPM
VELOCIDADE SAÍDA EXATA	209	RPM
POTÊNCIA ENTRADA	2.20	KW
ROTAÇÃO ENTRADA	1400	RPM
PAM ENTRADA	100B14	
TORQUE SAÍDA	92.44	N.m
TORQUE NOMINAL	257.00	N.m
POTÊNCIA NOMINAL	6.1	KW
FATOR SERVIÇO	2.77	
EFICIÊNCIA DINÂMICA	0.88	



QUANTIDADE DE ÓLEO (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.2	1.2	1.2	1.2	1.2	1.2

CARGAS RADIAIS E AXIAIS



n_2 [min-1]	F_A [N]	F_R [N]
200	500	2500
100	600	3000
50	800	4000
15	1160	5800

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12.1 kg

Technical drawing of the 100mm diameter reducer, showing dimensions and mounting options.

Dimensions:

- Overall diameter: 100
- Overall width: 135
- Mounting flange diameter: $\varnothing 110h8$
- Mounting flange thickness: 3.5
- Mounting flange hole diameter: $\varnothing F$
- Mounting holes: 8 holes M10x17
- Mounting holes position: Posizione fori di montaggio
- Shaft diameter: 35H8
- Shaft length: 145.5
- Shaft key width: 10
- Shaft key height: 8
- Shaft key position: 38.3
- Shaft key position (on request): 41.3

Mounting holes position
Posizione fori di montaggio

Standard
Hollow shaft

On request
A richiesta

type S	øD	E	G	L	N	O	P	Q	kit code
F1	130 H7	5	13	117.5	50	165	200	11.5	① KS085.9.012 ② -
F2	152 ^{+0.06 +0.00}	5	15	147.5	80	180	205	12.5	① KS085.9.013 ② -
F4	130 H7	5	13	106.5	39	165	200	13	① KS085.9.015 ② -

Technical drawings of two types of ball joints, labeled 1 and 2. Each drawing includes a front view and a side view. Dimensions are indicated by arrows and labels.

- Front View (Left):**
 - Joint 1:** Dimensions include d_1 (total height), c_1 (height of the lower part), m_1 (width of the lower part), e_1 (width of the upper part), and n_1 (total width).
 - Joint 2:** Dimensions include d_1 (total height), c_1 (height of the lower part), e_1 (width of the upper part), f_1 (width of the lower part), and l_1 (total width).
- Side View (Right):**
 - Joint 1:** Dimensions include b_1 (height of the upper part), t_2 (height of the lower part), and o_1 (radius of the ball).
 - Joint 2:** Dimensions include b_1 (height of the upper part), t_2 (height of the lower part), and o_1 (radius of the ball).

② kit cod. K085.5.029 type B

[illegible]