

Ficha Técnica
Redutor de Velocidade
PARAFUSO SEM FIM QUADRADO



MODELO	Q85	
Ø VEIO SAÍDA	35	mm
RÁCIO APROXIMADO	65	
RÁCIO EXATO	67.00	
VELOCIDADE SAÍDA	22	RPM
VELOCIDADE SAÍDA EXATA	22	RPM
POTÊNCIA ENTRADA	0.37	KW
ROTAÇÃO ENTRADA	1400	RPM
PAM ENTRADA	71B5	
TORQUE SAÍDA	109.91	N.m
TORQUE NOMINAL	289.00	N.m
POTÊNCIA NOMINAL	0.97	KW
FATOR SERVIÇO	2.62	
EFICIÊNCIA DINÂMICA	0.65	



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 length: 130
- Mounting flange diameter: 135
- Mounting flange thickness: 3.5
- Mounting flange hole diameter: 64
- Mounting flange hole pitch circle diameter: 110
- Mounting flange hole diameter: ϕF
- Mounting flange hole depth: 8
- Mounting flange hole pitch circle diameter: 85
- Mounting flange hole depth: 145.5
- Mounting flange hole depth: 100
- Mounting flange hole depth: 10
- Mounting flange hole depth: 38.3
- Mounting flange hole depth: 41.3
- Mounting flange hole depth: 35
- Mounting flange hole depth: 38

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 (1 and 2) showing front and side views with dimensions.

Joint 1 (Left):

- Front View:** Dimensions include d_1 (outer diameter), c_1 (width of the upper part), m_1 (width of the lower part), e_1 (width of the lower part), and n_1 (total width).
- Side View:** 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 (Right):

- Front View:** Dimensions include d_1 (outer diameter), c_1 (width of the upper part), e_1 (width of the lower part), f_1 (width of the lower part), and l_1 (total width).
- Side View:** 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

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