

MODELO	FA42	
Ø VEIO SAÍDA	30	mm
RÁCIO APROXIMADO	22	
RÁCIO EXATO	22.30	
VELOCIDADE SAÍDA	66	RPM
VELOCIDADE SAÍDA EXATA	65	RPM
POTÊNCIA ENTRADA	2.20	KW
ROTAÇÃO ENTRADA	1400	RPM
PAM ENTRADA	100B14	
TORQUE SAÍDA	321.25	N.m
TORQUE NOMINAL	320.00	N.m
POTÊNCIA NOMINAL	2.2	KW
FATOR SERVIÇO	1.00	
EFICIÊNCIA DINÂMICA	0.96	



QUANTIDADE DE ÓLEO (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.15	0.7	0.7	0.7	1.2	0.8

CARGAS RADIAIS E AXIAIS



n_2 [min-1]	FA [N]	FR [N]
300	300	1500
200	350	1750
120	410	2050
15	800	4000

9.0 kg

4 holes
M8x13

94

The technical drawing shows two views of the B7000-10000 ball joint assembly:

- Front View (Top):** Shows the main body with a total width of 149 mm. A small dimension of 5 mm is indicated at the bottom left. The right end features a spherical joint with a diameter of 86 mm.
- Side View (Bottom):** Shows the profile of the assembly with a total length of 134.5 mm. It includes two segments of 35 mm each. The outer diameter is specified as $\varnothing 30\text{ H7}$. The mounting bracket has a thickness of 3 mm and a height of 10 mm.