

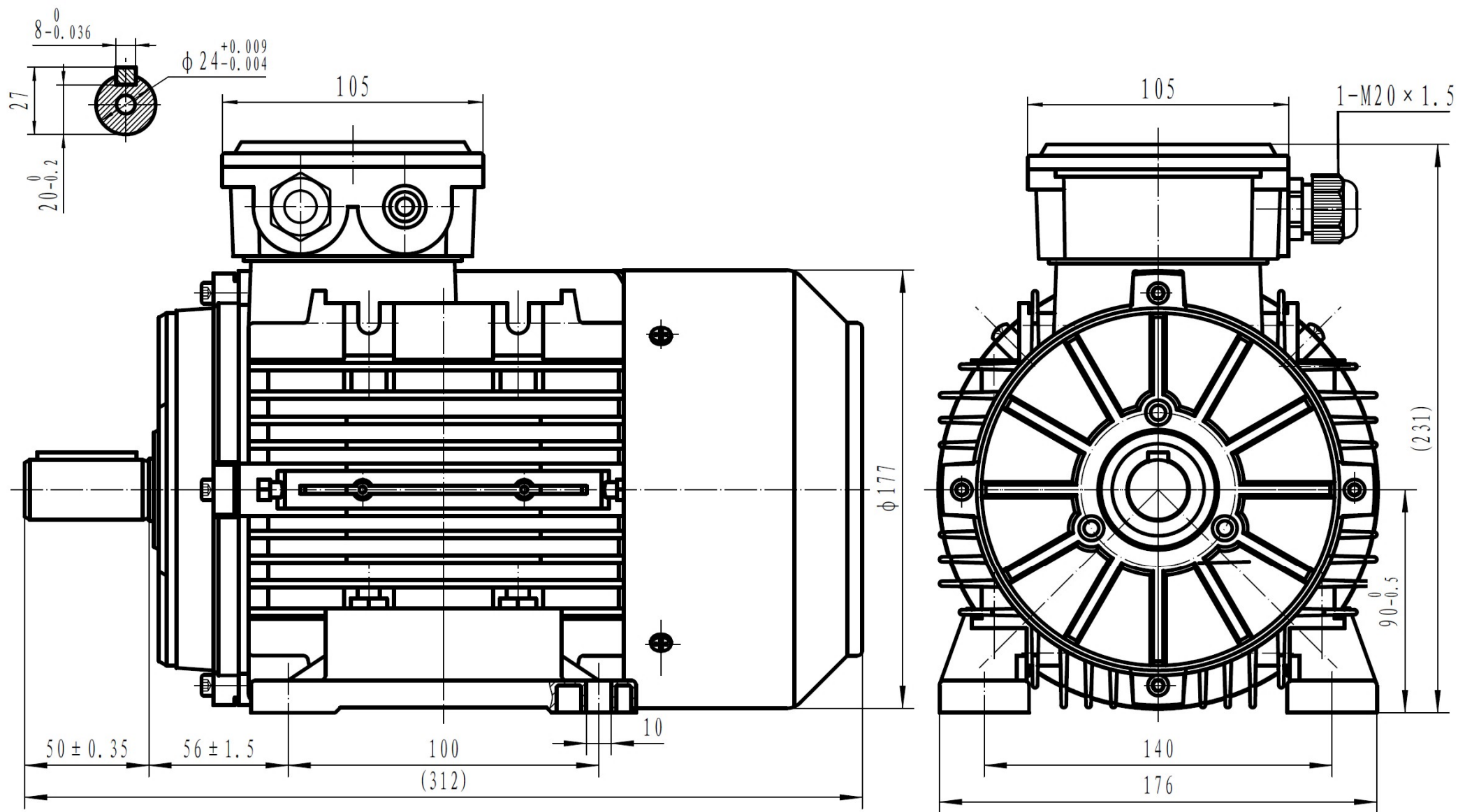
Technical data sheet

General data	
Frame size	90
Housing material	Aluminum
Install model	According to the standard
Type of feet	Removable feet
Net weight	13.8 kg
Insulation class	F
Protection degree	IP 55
Thermal protection	Bimetallic sensor
Rotation direction	Clockwise
Service duty	S1
Vibration level	A
Balance	Half-key balanced
Cable glands	1 - M20 × 1.5
Cooling	IC 411
Painting color	RAL 5010
Regulations	IEC / DIN / ISO / VDE / EN
Standard	IEC 60034

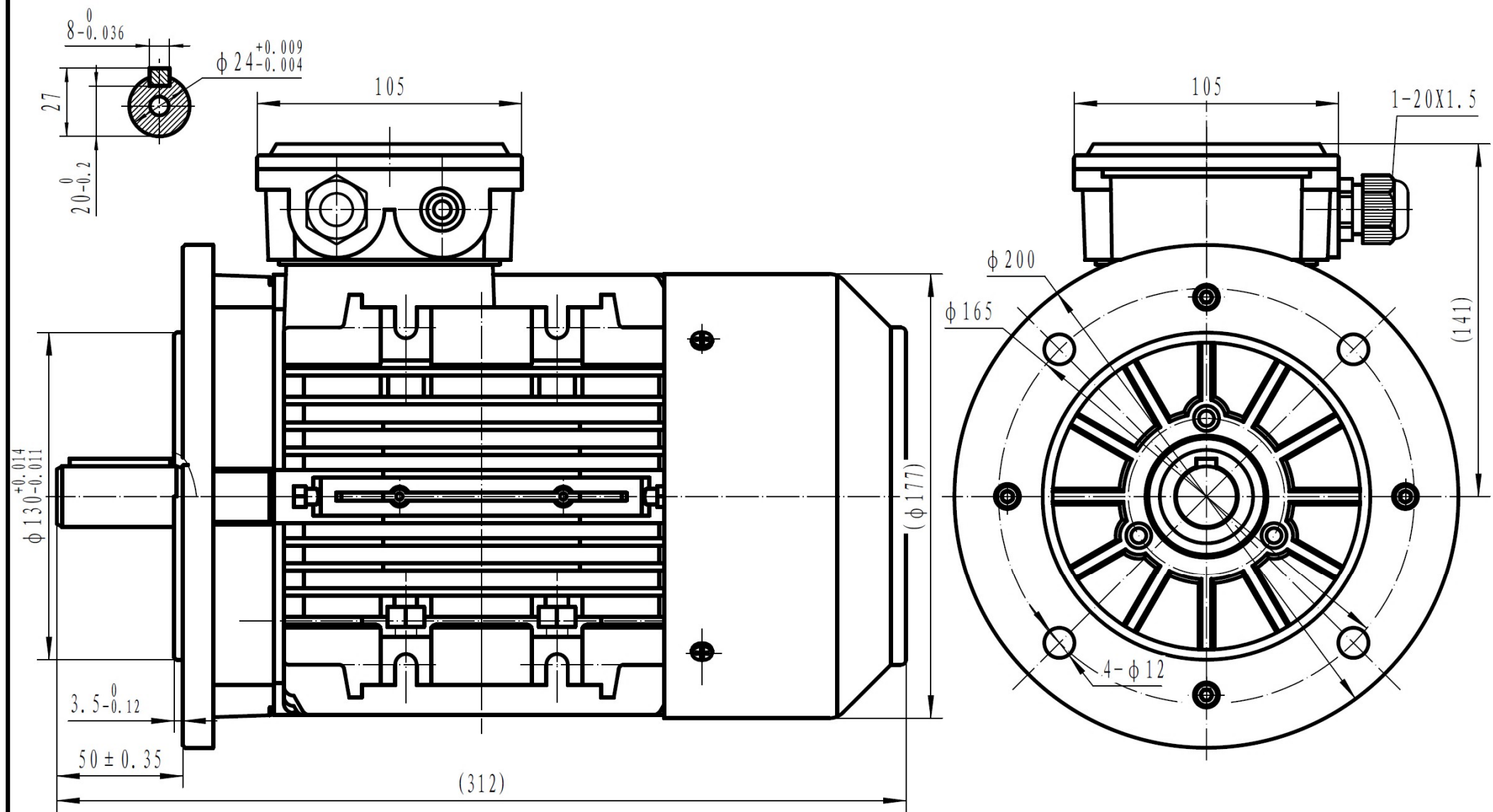
Environmental conditions	
Ambient temperature	From -20°C to +40°C
Maximum altitude	1000 m above sea level

Electrical data		
Output	0.75	kW
Frequency	50	Hz
Voltage (±5%)	230	V Δ @ 50Hz
	400	V Y @ 50Hz
	276	V Δ @ 60Hz
	480	V Y @ 60Hz
Rotation speed	950	RPM @ 50Hz
	1140	RPM @ 60Hz
Rated current	3.55	A (In) @ Δ 50Hz
	2.05	A (In) @ Y 50Hz
Starting current	4.7	×In
Rated torque	7.54	Nm (Mn)
Starting torque	2.3	×Mn
Breakdown torque	2.6	×Mn
Efficiency		IE3
	78.9	@ 100% load
	80.1	@ 75% load
	78.1	@ 50% load
Power factor cosφ	0.67	@ 100% load

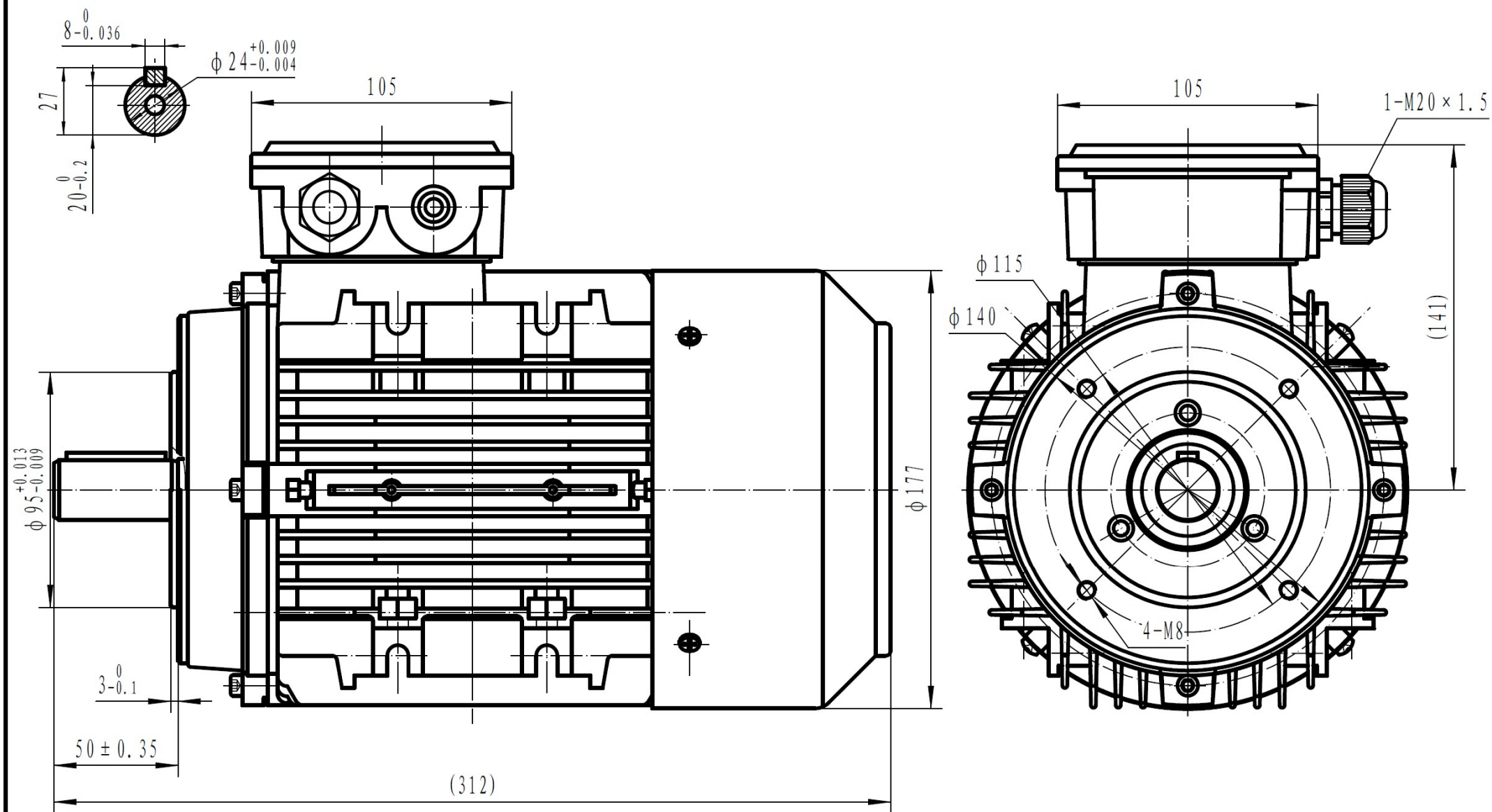
Mechanical data		
Bearings brand	C&U	
Bearings type	6205 2RZ C3	(DE)
	6205 2RZ C3	(NDE)
Lifetime of bearings		20000 hours
Allowed radial load		933.24 N
Allowed axial load		801.34 N
Moment of inertia	0.004069835	Kg*m ²
Noise level	59	dB(A)



T3A 90S-6 B3



T3A 90S-6 B5



T3A 90S-6 B14