

삼성 표준 IE3 B3 - 160L	CODE No	
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Technical drawing of a 3-phase induction motor, showing front, side, and end views with dimensions and a nameplate.

Front View Dimensions:

- Total height: $\varnothing 314.6$
- Base width: 576
- Base length: 358
- Motor body width: 254
- Terminal box width: 108
- Shaft length: 110
- Base mounting feet width: $\varnothing 15$

Side View Dimensions:

- Shaft diameter: $\varnothing 42$
- Shaft length: 100
- Shaft key width: 5
- Shaft key height: 42
- Shaft key radius: R6

End View Dimensions:

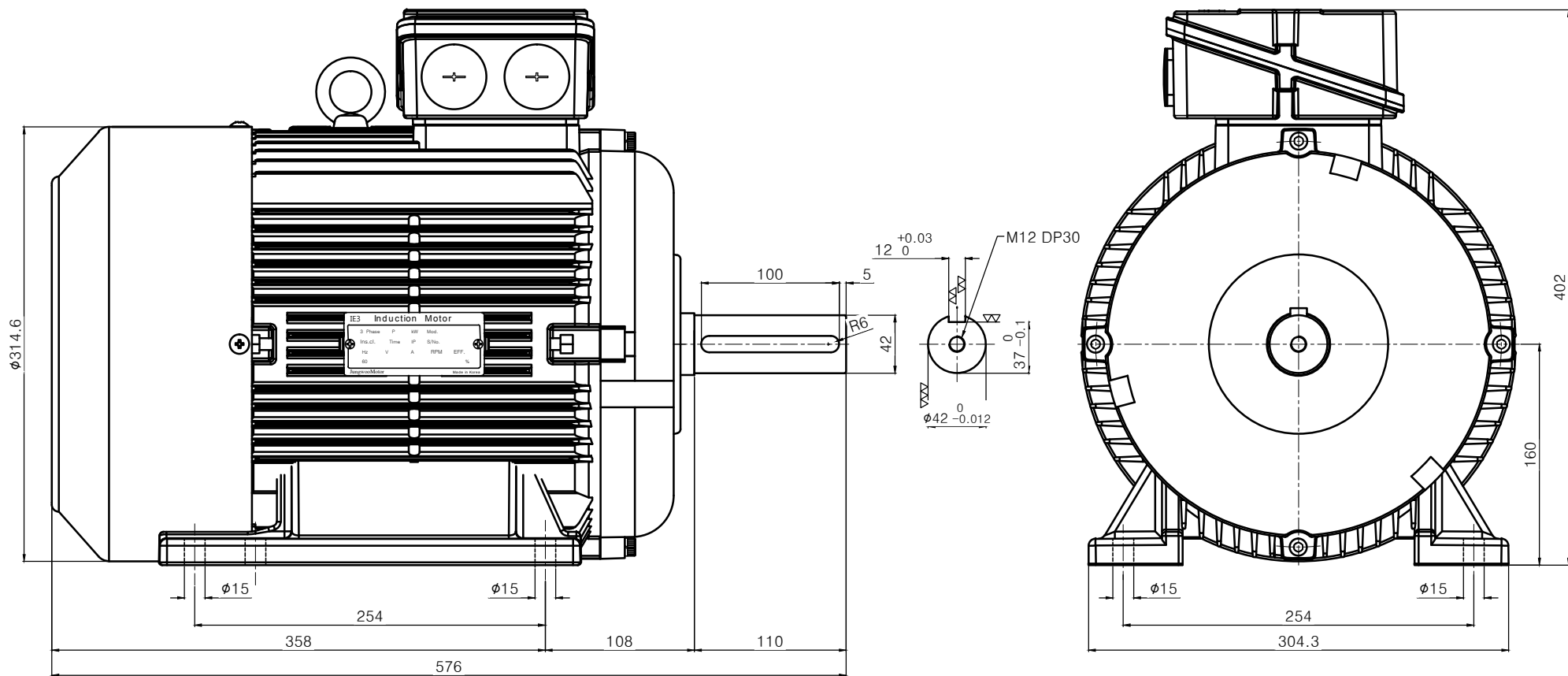
- Total diameter: 402
- Base mounting feet width: $\varnothing 15$
- Base mounting feet length: 254
- Base mounting feet spacing: 304.3
- Base mounting feet height: 160

Motor Nameplate:

IE3 Induction Motor							
3 Phase	P	kW	Mod.				
Ins. Cl.	Time	IP	St/No.				
Hz	V	A	RPM	EFF.	%		
60							

Shaft Detail:

- Thread: M12 DP30
- Thread length: 12
- Thread tolerance: $+0.03 / 0$
- Shaft diameter: $\varnothing 42$
- Shaft diameter tolerance: $-0.012 / 0$
- Shaft key height: 37
- Shaft key tolerance: $-0.1 / 0$



STYLE	3rd Angle	TITLE	Induction Motor Out Line
UNIT	MM		
SCALE	1 : 1	 정우전기 (주)	
DATE	2023.07.06		
DSND BY	KOH.Y.K		