

**BEVI**[®]**LANDVÉLAR****Power correction factors for Bevi motors:****IE1-motors - 4A and 3D motors - S1 duty**

Volt	Hz	Ambient temp. C°	kW-factor *	Discription
380	50	45	1,00	Standard nameplate 380-420V 50Hz kW-factor = 1,0
400 or 690	50	45	1,00	
420	50	45	1,00	
380	60	45	1,00	Special nameplate
400 or 690	60	45	1,00	
420	60	45	1,00	
440	60	45	1,10	Standard nameplate 440-480V 60Hz kW-factor = 1,2 (competed to 400V kW)
450	60	45	1,13	
460	60	45	1,15	
480	60	45	1,20	

* = Constant current

IE2-motors - 4A2 and 3D2 motors - S1 duty

Volt	Hz	Ambient temp. C°	kW-factor *	Discription
380	50	40	1,00	Special nameplate
400 or 690	50	40	1,00	Standard nameplate
420	50	40	1,00	Special nameplate
380	60	40	1,00	Special nameplate
400 or 690	60	40	1,00	
420	60	40	1,00	
440	60	40	1,10	
450	60	40	1,13	
460	60	40	1,15	
480	60	40	1,20	Standard nameplate

* = Constant current

Other ambient temp. for all Bevi motors

Ambient temp. C°	kW-factor
45° (Only for IE2)	0,95
50°	0,9
55°	0,85
60°	0,8

Other duty forms for all Bevi motors

Duty form	kW-factor
S6-15%	1,5
S6-25%	1,4
S6-40%	1,3
S6-60%	1,15

Altitude	to 1000m	1000-2000m	2000-3000m	3000-4000m
Class F/B kW factor	1,00	0,94	0,85	0,75

Example: (400V 50Hz effect) x (voltage/Hz factor) x (amb.temp factor) x (duty form factor) = New effect.

Norm 11kW IE2 at: 440V 60Hz + Amb.temp 55 + S6-25% = 11kW x 1,1 x 0,85 x 1,4 = 14,4kW