

Electrical Protection

Optional on request	Motor Size			
	56-100	112-132	160-280	315-355
Delphi-Ex (ATEX version zone 22) II 3D Ex tc IIIB T125°C (dust)	+25%			
Delphi-Ex (ATEX version zone 2) II 3G Ex nA IIB T4 (gas)	+25%			
Delphi-Ex (ATEX version zone 2 and 22) Dust and Gas: II 3GD Ex nA IIB T4 Gc tc IIIB T125°C Dc	+30%			
Bimetallic thermal-probe PTO (nr 1 up to type 100)	30€	50€		
Bimetallic thermal-probe PTO (nr 3 from 112 to 355)	30€	50€		
PTC thermistors (nr 3)	42€		standard from IEC size 160	
PT100 thermal probe for bearing (on DE bearing only)	not feasible		159€	
PT100 thermal probe for bearing (on NDE bearing only)	not feasible		318€	
PT100 thermal probes for bearings (on DE and NDE)	not feasible		318€	
nr 1 PT100 thermal probe for windin	120€			
nr 3 PT100 thermal probe for windin	318€			
Heating device (nr 1 up to type 280; nr 3 from 315 to 355)	180€		356€	
H class insulated (total)	+40%			
Tropicalized winding	standard			
Reinforced winding for inverter	standard			
Insulated bearing on NDE for inverter duty	IEC-280=221€	IEC-315=2685€	IEC-355=3720€	IEC-400=5707€

Mechanical Protection and Adaptation

Optional on request	Motor Size			
	56-100	112-160	180-280	315-355
C 3 bearing for high and low temperatures	standard			
Roller bearing on DE (when not standard) (note: 4-6-8P size 315-355 have roller bearing on DE)	25%		12%	
greaser nipples on drive end and non drive end	239€		159€	standard
ZZ autolubricated bearings ball bearings on DE and NDE	standard up to size 280			10%
SPM vibration sensor on the bearing (from size 80 and up)	1.106€		1.185€	
SPM vibration sensor connection only (each)	317€		395€	
V1/V5 mounting code ESPM...V1 or	Standard up to size 180		10% from size 200	
Smaller size B5 flange (=B14B/B5R)	10% up to size 132		not feasible	
Smaller "D" size of shaft	+20%			
Double shaft code	180€	199€	+20%	
No fan IC 418, closed NDE shield code	139€	159€	15%	
Drive end bearing axially mechanically locked	10%	standard		
Metal fan cover, instead of plastic one code	21€ (standard in 160)		standard	
Cable gland mounted towards Non Drive End	21€		30€	
Cable gland mounted towards Drive End	21€		30€	
Cable gland mounted on the left code	11€		18€	
Cable gland mounted on the right	standard			

The following voltages and frequencies are inside the standard power supply of all three-phase motive motors, under S1 duty

Size	Hz	Volt
56-132	50 ±5%	230-400
		220-380
		240-415
		260-440
	60 ±5%	220-380
		265-460
		280-480

Size	Hz	Volt
112-355	50 ±5%	400-690
		380-660
		415-720
		440-760
	60 ±5%	380-660
		460-795
		480-830