## DATA SHEET

Performed by

## Three Phase Induction Motor - Squirrel Cage



HZ 1V 55 A A A 10 rpm 0 % 65 ft.lb 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1 % 1	Product con Catalog # :  Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³  Foundation loads Max. traction	01118 : 25s : 80 : S1 ure : -20 : 100 : IP5 : IC4 : B3 : Bot : 61.	0°C to +40°C 00 m.a.s.l. 55 411 - TEFC L(E) th (CW and CCW) .0 dB(A) rect On Line	
HP (11 kW)  Hz V 5 A A O A O rpm O % 6 ft.lb O % 5 8 sq.ft.lb  4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81	Temperature rise Duty cycle Ambient temperatu Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 80 : S1 ure : -20 : 100 : IP5 : IC4 : B3 : Bo : 61.	K  0°C to +40°C  00 m.a.s.l.  55  411 - TEFC  L(E)  th (CW and CCW)  0 dB(A)  rect On Line	
Hz 0 V 5 A A 0 A 0 rpm 0 % 6 ft.lb 0 % 5 sq.ft.lb 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81	Duty cycle Ambient temperate Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³  Foundation loads	: 80 : S1 ure : -20 : 100 : IP5 : IC4 : B3 : Bo : 61.	K  0°C to +40°C  00 m.a.s.l.  55  411 - TEFC  L(E)  th (CW and CCW)  0 dB(A)  rect On Line	
0 V 5 A A 0 A 70 rpm 0 % 6 ft.lb 1 % 1 % 2 % 5 8 sq.ft.lb 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81	Ambient temperate Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³  Foundation loads	ure : -20 : 100 : IP5 : IC4 : B3 : Bo : 61. : Dir	0°C to +40°C 00 m.a.s.l. 55 411 - TEFC L(E) th (CW and CCW) 0 dB(A) rect On Line	
0 V 5 A A 0 A 70 rpm 0 % 6 ft.lb 1 % 1 % 2 % 5 8 sq.ft.lb 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81	Ambient temperate Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³  Foundation loads	: 100 : IP5 : IC4 : B3 : Bo : 61. : Dir	00 m.a.s.l. 55 411 - TEFC L(E) th (CW and CCW) .0 dB(A) rect On Line	
5 A A O A O rpm O % 6 ft.lb O % 5 sq.ft.lb  4 91.4 91.4 91.4 7 92.4 O 0.74 0.85 0.81	Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³  Foundation loads	: IP5 : IC4 : B3 : Bo : 61. : Dir	55 411 - TEFC L(E) th (CW and CCW) .0 dB(A) rect On Line	
A  O A  O rpm O % 6 ft.lb O % 5 sq.ft.lb  4 91.4 91.4 91.4 7 92.4 0 0.74 0.85 0.81	Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: IC <sup>2</sup> : B3 : Bo : 61. : Dir	411 - TEFC L(E) th (CW and CCW) .0 dB(A) rect On Line	
0 A 0 rpm 0 % 6 ft.lb 1 % 5 8 sq.ft.lb 6 100% 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81	Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: B3 : Bo : 61. : Dir	L(E) th (CW and CCW) .0 dB(A) ect On Line	
70 rpm 10 % 16 ft.lb 1 % 1 % 15 sq.ft.lb 100% 14 91.4 91.4 91.4 17 92.4 19 0.74 0.85 0.81	Mounting Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup>	: B3 : Bo : 61. : Dir	L(E) th (CW and CCW) .0 dB(A) ect On Line	
70 rpm 10 % 16 ft.lb 1 % 1 % 15 sq.ft.lb 100% 14 91.4 91.4 91.4 17 92.4 19 0.74 0.85 0.81	Rotation <sup>1</sup> Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup> Foundation loads	: Bo : 61. : Dir	th (CW and CCW .0 dB(A) rect On Line	
70 rpm 10 % 16 ft.lb 1 % 1 % 15 sq.ft.lb 100% 14 91.4 91.4 91.4 17 92.4 19 0.74 0.85 0.81	Noise level <sup>2</sup> Starting method Approx. weight <sup>3</sup> Foundation loads	: 61. : Dir	.0 dB(A) rect On Line	
0 % 6 ft.lb 1 % 5 % 8 sq.ft.lb 6 100% 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81	Starting method Approx. weight <sup>3</sup>	: Dir	ect On Line	
6 ff.lb 1 % 5 8 sq.ft.lb 6 100% 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81	Approx. weight³			
6 100% 6 100% 6 100% 6 100% 6 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81	Foundation loads			
6 100% 6 100% 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81				
6 100% 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81				
8 sq.ft.lb 6 100% 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81				
8 sq.ft.lb 6 100% 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81				
6 100% 4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81				
4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81				
4 91.4 91.4 91.4 7 92.4 9 0.74 0.85 0.81				
7 92.4 9 0.74 0.85 0.81	Max. traction			
9 0.74 0.85 0.81		: 548 I	lb	
5 0.82	Max. compression	: 853 I	: 853 lb	
(speed:torque), in pe	rcentage of rated output	power		
9.0	9.0	7.9		
7.3	7.3	6.4		
6.9	6.9	6.0		
	I			
	I			
) 1.9	1.9	1.6		
<u>Drive end</u>				
6309 C3	620	6209 C3		
V'Ring				
20000 h	200	000 h		
13 g		9 g		
I				
)	6309 C3 V'Ring 20000 h 13 g	3.5 3.5 2.6 2.6 1.9 1.9 Drive end 6309 C3 620 V'Ring V'I 20000 h 200	3.5 3.5 3.1 2.6 2.6 2.3 1.9 1.9 1.6  Drive end 6309 C3 V'Ring V'Ring 20000 h 13 g 9 g	

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