

Caratteristiche elettriche

Electric characteristics

Conn	Vn	Freq.	Pn	speed	cosfi	In
	[V]	[Hz]	[kW]	[rpm]		[A]
Δ	200	50	0,75	1450	0,74	3,6
Y	346	50	0,75	1450	0,74	2,05
Δ	220	60	0,75	1760	0,74	3,1
Y	380	60	0,75	1760	0,74	1,80

Mn	η	Ms/Mn	Is/In	Mmax/Mn
[Nm]	[%]			
4,9	85,5	4,0	7,8	3,6

Prova a vuoto / No load test

Conn	Freq.	Vn	Io	Pin	cosfi
	[Hz]	[V]	[A]	[kW]	
Y	50	346	1,41	0,093	0,11
Y	60	380	1,23	0,089	0,11

Prova a carico / Load test

Conn	Load	speed	Freq	Vin	Iin	Mn	Pin	Pout	η	cosfi	Slip
		[rpm]	[Hz]	[V]	[A]	[Nm]	[kW]	[kW]	[%]		[%]
Y	4/4	1451	50	346	2,06	4,94	0,904	0,75	83,0	0,73	3,3
Y	4/4	1758	60	380	1,85	4,08	0,877	0,75	85,5	0,74	2,3

Prova di riscaldamento / Temperature rise test

	Time	Conn	Freq	Vin	Iin	Pout	Resist.	Terminals	dT1	T hous.	Tamb
	[h]		[Hz]	[V]	[A]	[kW]	[Ω]		[K]	[°C]	[°C]
Start	00:00	Y	60	380	1,81	0,75	9,70	U1-V1		21,7	21,7
End	03:00	Y	60	380	1,81	0,75	10,52	U1-V1	21,4	22,1	22,1

Prova di spunto a caldo / Starting test

Conn.	Vn	Freq.	Is	Is/In	Ms	Ms/Mn
	[V]	[Hz]	[A]		[Nm]	
Y	346	50	14,4	7,0	18,3	3,7
Y	380	60	14,4	7,8	16,3	4,0

Prova a rotore bloccato / Locked rotor test

Conn.	Vn	Freq.	Is	Ms	Pin	cosfi
	[V]	[Hz]	[A]	[Nm]	[kW]	
Y	346	50	14,4	18,3	6,70	0,80
Y	380	60	14,4	16,3	6,61	0,76

Resistenza d'isolamento / Insulation resistance

V	Resist.	Tamb
[V]	[MΩ]	[°C]
500	>100	20

Rigidità dielettrica / High voltage test

	U	time
	V	sec
phase - ground	1800	60
phase - phase	1500	3

Manufactured and tested in accordance with rules of IEC 34-1

Caratteristiche meccaniche

Mechanical characteristics

Degree of Protection

Types of construction

Cooling

Insulation class

DE bearing 6204-2Z

NDE bearing 6204-2Z