

Caratteristiche elettriche

Electric characteristics

Conn	Vn	Freq.	Pn	speed	cosfi	In
	[V]	[Hz]	[kW]	[rpm]		[A]
Δ	200	50	1,5	1435	0,78	6,6
Y	346	50	1,5	1435	0,78	3,8
Δ	220	60	1,5	1740	0,78	5,9
Y	380	60	1,5	1740	0,78	3,4

Mn	η	Ms/Mn	Is/In	Mmax/Mn
[Nm]	[%]			
8,2	86,5	3,4	8,0	3,8

Prova a vuoto / No load test

Conn	Freq.	Vn	Io	Pin	cosfi
	[Hz]	[V]	[A]	[kW]	
Y	50	346	2,28	0,119	0,09
Y	60	380	1,95	0,116	0,09

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	1435	50	346	3,8	10,0	1,76	1,50	85,3	0,78	4,3
Y	4/4	1744	60	380	3,4	8,2	1,73	1,50	86,5	0,78	3,1

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	3,4	1,5	4,31	U1-V1		19,9	19,9
End	03:00	Y	60	380	3,4	1,5	4,80	U1-V1	27,45	21,4	34,0

Prova di spunto a caldo / Starting test

Conn.	Vn	Freq.	Is	Is/In	Ms	Ms/Mn
	[V]	[Hz]	[A]		[Nm]	
Y	346	50	27,0	7,1	33,0	3,3
Y	380	60	27,2	8,0	27,8	3,4

Prova a rotore bloccato / Locked rotor test

Conn.	Vn	Freq.	Is	Ms	Pin	cosfi
	[V]	[Hz]	[A]	[Nm]	[kW]	
Y	346	50	27,0	33,0	5,59	0,70
Y	380	60	27,2	33	6,04	0,68

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