# DATA SHEET

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### Three Phase Induction Motor - Squirrel Cage



Customer :

Customer	:									
Product line	: MUL	ΓΙΜΟUNTII	NG			Produc	ct code :	11692	2824	
Frame Insulation class Duty cycle Ambient tempera Altitude Protection degre Design		: 63 : F : S1 : -20°C t : 1000 m : IP55 : N			Cooling Mountir Rotation Starting Approx. Momen	ng n¹ metho weigh	od t³	: B14 : Botl : Dire : 5.9	n (CW a	and CCW) Line
Output [kW]		(	).25		0.25		0.2	25		0.25
Poles			2		2		2			2
Frequency [Hz]			50		50		5			60
Rated voltage [V]			0/380		230/400		240/			460
Rated current [A]			0/0.696		.21/0.694		1.22/0			0.607
L. R. Amperes [A]			5/2.92		5.31/3.05		5.62/			3.28
LRC [A]			4.2		4.4		4.			5.4
No load current [A	-		7/0.450	0.	.870/0.500		0.968/			0.450
Rated speed [RPN	Л]		2750		2780		28			3415
Slip [%]			3.33		7.33		6.6			5.14
Rated torque [kgfr			.089		0.088		0.0			0.071
Locked rotor torqu			200		220		24			280
Breakdown torque	: [%]		200		220		24			290
Service factor			1.00		1.00		1.0			1.00
Temperature rise			30 K		80 K		80			80 K
Locked rotor time			d) 11s (hot)		cold) 11s (	hot)	19s (cold)			(cold) 11s (hot)
Noise level <sup>2</sup>		52.0	) dB(A)	5	2.0 dB(A)		52.0 (	dB(A)		56.0 dB(A)
	25%									
Efficiency (%)	50%		60.3		58.0		55			57.5
Emoiority (70)	75%	64.1			63.0		61			63.0
	100%	(	65.0		65.0		64	.8		68.0
	25%									
Power Factor	50%		0.63		0.57		0.8			0.56
1 OWEL 1 deter	75%		).76		0.70		0.6			0.67
	100%	(	0.84		0.80		0.7	76		0.76
Losses at normat	ive operating	points (sp	eed;torque), i	n perce	ntage of ra	ated ou	tput power			
		,9;1,0)	68.0			8.0	1	68.6		59.5
		,5;1,0)	66.2			6.2		66.8		57.8
		25;1,0)	61.2			1.2		61.7		53.4
Losses (%)	, ,	,9;0,5)	37.9			7.9		38.3		33.1
, ,		,5;0,5)	26.9			6.9		27.2		23.5
		5;0,25)	21.2			1.2		21.4		18.6
		25;0,25)	14.4		1	4.4		14.5		12.6
		Drive	end Non dr	rive end	Foundat	ion loa	ds			
Bearing type		: 6201		01 ZZ	Max. tra		-	: 5 kgt	•	
Sealing		: Lip S		Seal	Max. cor		ion	: 11 kg		
Lubrication interv	<i>ı</i> al	·	эсаг шр	-	Wax. coi	прісос	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. 11 10	<b>j</b> '	
Lubricant amoun		: _		_						
Lubricant type		: M	lobil Polyrex E	ΞM						
This revision replaces and cancel the previous one, which must be eliminated.  (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load.  These are average values to power supply, subject to the 60034-1.										
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Subject to change without notice					

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# DATA SHEET

#### Three Phase Induction Motor - Squirrel Cage



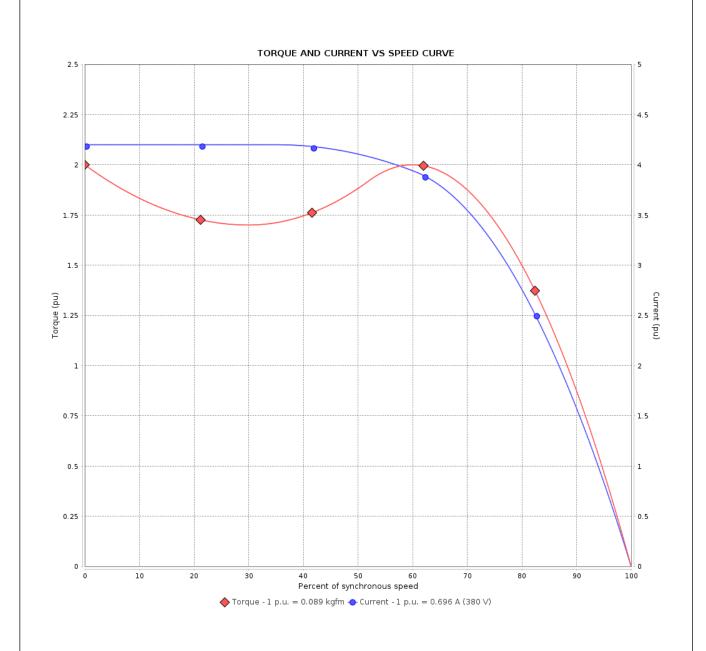
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#### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : MULTIMOUNTING Product code : 11692824



Performance	: 220/380 V 50 Hz 2P		
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 1.20/0.696 A : 4.2 : 0.089 kgfm : 200 % : 200 % : 2750 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design	: 0.0002 kgm² : S1 : F : 1.00 : 80 K : N

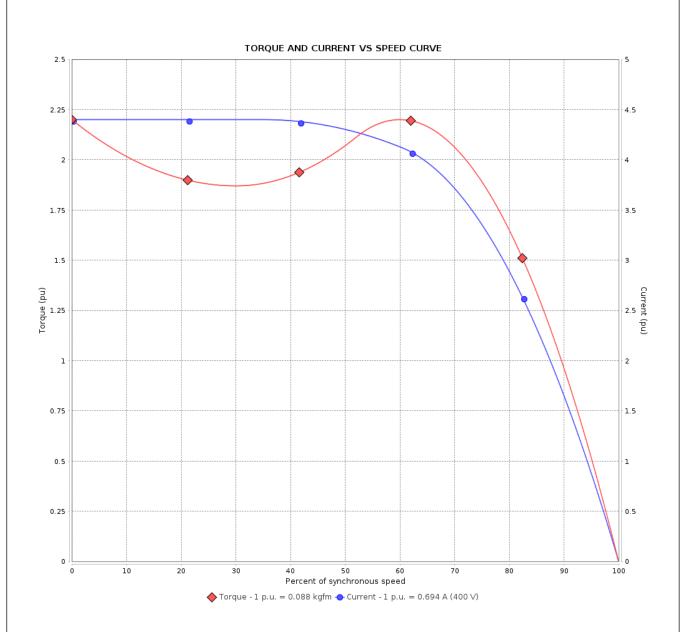
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#### Three Phase Induction Motor - Squirrel Cage



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Customer	

Product line : MULTIMOUNTING Product code : 11692824



Performance	: 230/400 V 50 Hz 2P		
Rated current	: 1.21/0.694 A	Moment of inertia (J)	: 0.0002 kgm²
Rated torque	: 4.4 : 0.088 kgfm	Duty cycle Insulation class	: S1 : F
Locked rotor torque	: 220 %	Service factor	: 1.00
Breakdown torque	: 220 %	Temperature rise	: 80 K
Rated speed	: 2780 rpm	Design	: N

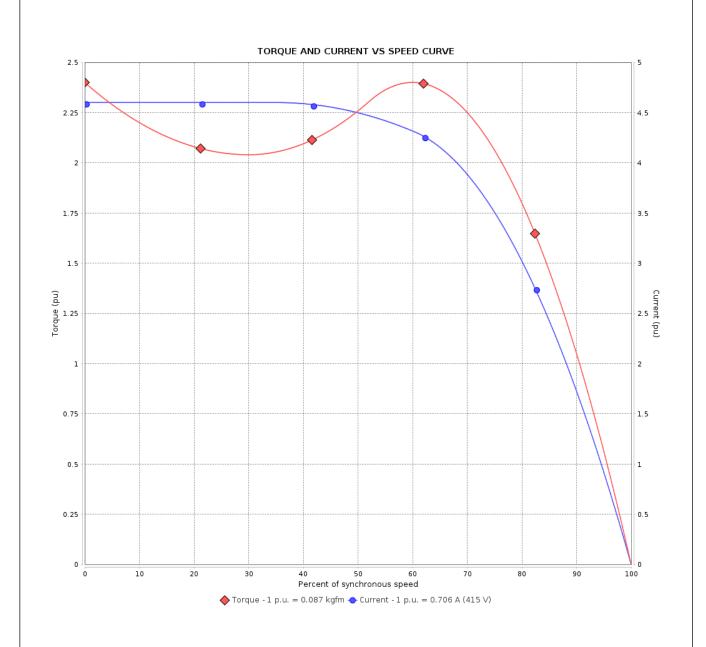
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#### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : MULTIMOUNTING Product code : 11692824



Performance	: 240/415 V 50 Hz 2P			
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 1.22/0.706 A : 4.6 : 0.087 kgfm : 240 % : 240 % : 2800 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design	: 0.0002 kgm² : S1 : F : 1.00 : 80 K : N	

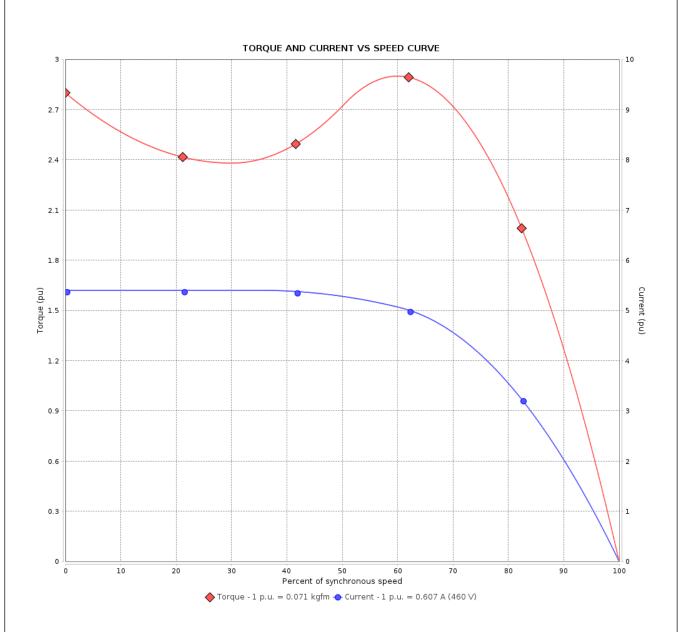
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#### Three Phase Induction Motor - Squirrel Cage



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Customer	

Product line : MULTIMOUNTING Product code : 11692824



Performance	: 460 V 60 Hz 2P		
Rated current LRC	: 0.607 A : 5.4	Moment of inertia (J) Duty cycle	: 0.0002 kgm² : S1
Rated torque Locked rotor torque	: 0.071 kgfm : 280 %	Insulation class Service factor	: F : 1.00

Locked rotor torque : 280 % Service factor : 1.00
Breakdown torque : 290 % Temperature rise : 80 K
Rated speed : 3415 rpm Design : N

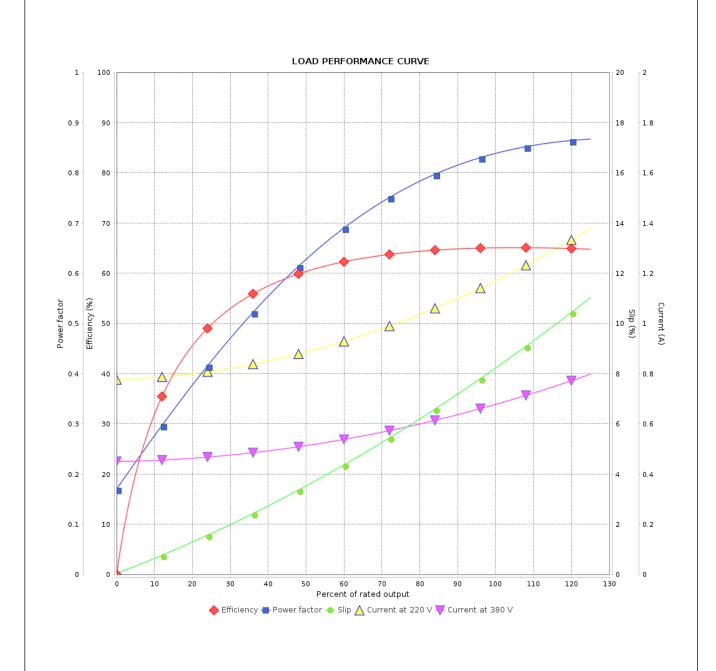
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#### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : MULTIMOUNTING Product code : 11692824



Performance	: 220/380 V 50 Hz 2P			
renormance	. 220/360 V 30 HZ ZP	1		
Rated current	: 1.20/0.696 A	Moment of inertia (J)	: 0.0002 kgm²	
LRC	: 4.2	Duty cycle	: S1	
Rated torque	: 0.089 kgfm	Insulation class	: F	
Locked rotor torque	: 200 %	Service factor	: 1.00	
Breakdown torque	: 200 %	Temperature rise		
Rated speed	: 2750 rpm	Design	: N	
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#### Three Phase Induction Motor - Squirrel Cage



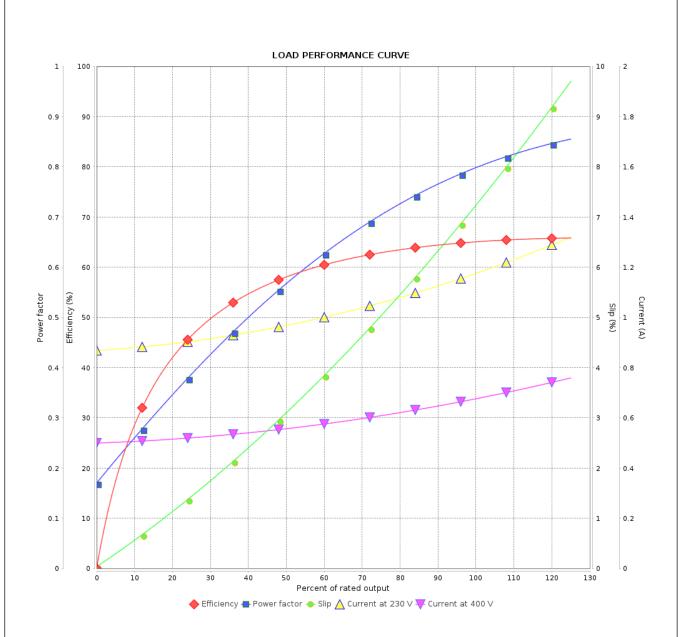
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Product line : MULTIMOUNTING Product code : 11692824



Performance	::	230/400 V 50 Hz 2P				
LRC Rated torque Locked rotor torque Breakdown torque		1.21/0.694 A 4.4 0.088 kgfm 220 % 220 % 2780 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design		: 0.0002 kgm² : S1 : F : 1.00 : 80 K : N	
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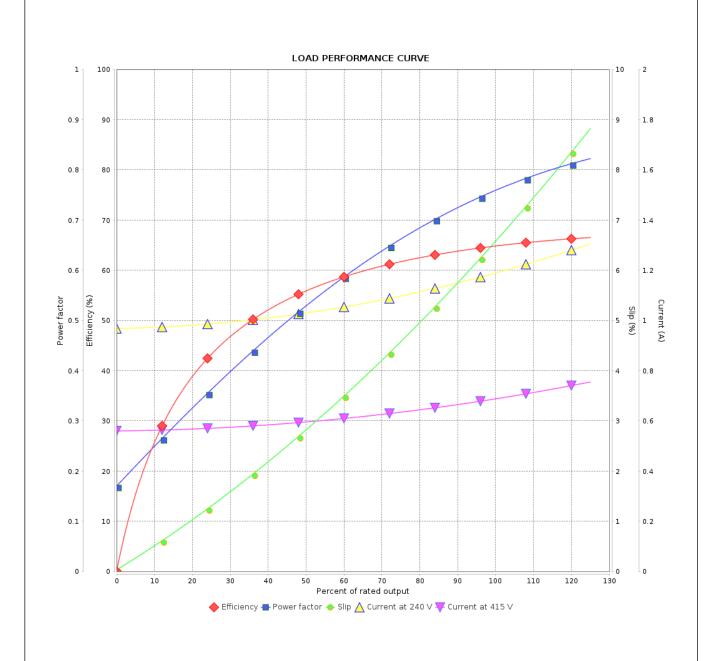
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#### Three Phase Induction Motor - Squirrel Cage



Customer :



Performance	: 2	40/415 V 50 Hz 2P				
Rated current	: 1	.22/0.706 A	Moment o	f inertia (J)	: 0.0002 kgm²	
LRC	: 4	6	Duty cycle	<b>:</b>	: S1	
Rated torque	: 0	).087 kgfm	Insulation	class	: F	
Locked rotor torque		40 %	Service fa	ctor	: 1.00	
Breakdown torque	: 2	40 %	Temperature rise		: 80 K	
Rated speed	: 2800 rpm		Design		: N	
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#### Three Phase Induction Motor - Squirrel Cage



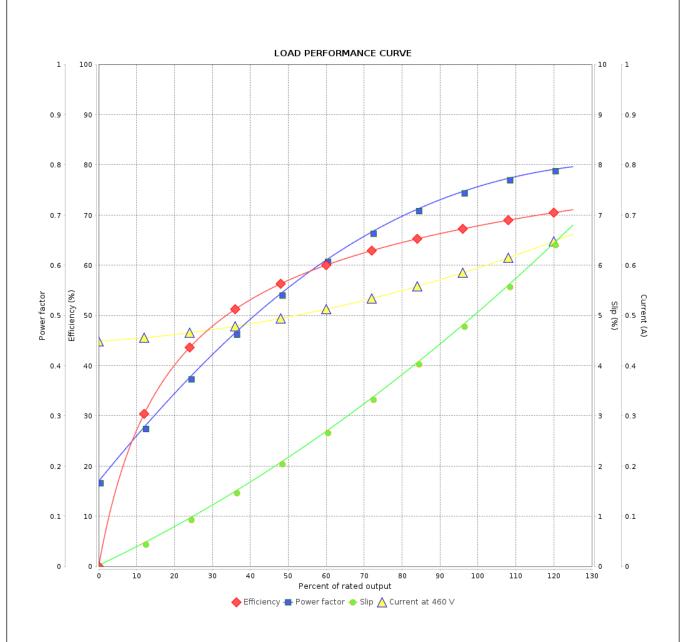
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Product line : MULTIMOUNTING Product code : 11692824



Performance	: •	460 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed		0.607 A 5.4 0.071 kgfm 280 % 290 % 3415 rpm	Duty cycle : S1 Insulation class : F Service factor : 1.0 Temperature rise : 80		: 0.0002 kgm² : S1 : F : 1.00 : 80 K : N	
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Product line

#### Three Phase Induction Motor - Squirrel Cage

: MULTIMOUNTING



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Customer :

Product code:

THERMAL LIMIT CURVE 100000 1000 100 Current (pu) - 1 p.u. = 0.696 A (380 V) ♦ Overload ◆ Locked rotor (hot) ▲ Locked rotor (cold)

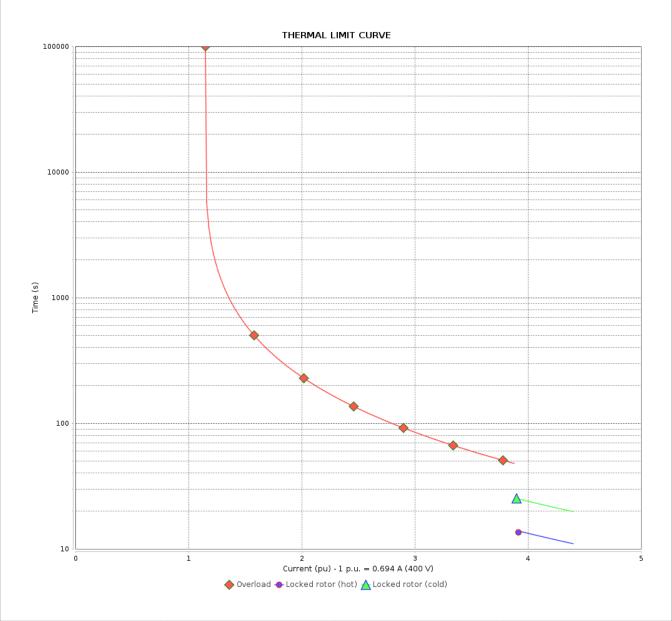
Performance	: 220/380 V 50 Hz 2P		
Rated current LRC Rated torque Locked rotor torque Breakdown torque Rated speed	: 1.20/0.696 A : 4.2 : 0.089 kgfm : 200 % : 200 % : 2750 rpm	Moment of inertia (J) Duty cycle Insulation class Service factor Temperature rise Design	: 0.0002 kgm² : S1 : F : 1.00 : 80 K : N
Heating constant			
Cooling constant			

Cooling constan	ι				
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#### Three Phase Induction Motor - Squirrel Cage



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Customer	:		



Performance	: 230/400 V 50 Hz 2P			
Rated current	: 1.21/0.694 A	Moment of inertia (J)	: 0.0002 kgm²	
LRC	: 4.4	Duty cycle	: S1	
Rated torque	: 0.088 kgfm	Insulation class	: F	
Locked rotor torque	: 220 %	Service factor	: 1.00	
Breakdown torque	: 220 %	Temperature rise	: 80 K	
Rated speed	: 2780 rpm	Design	: N	
Heating constant				
Cooling constant				

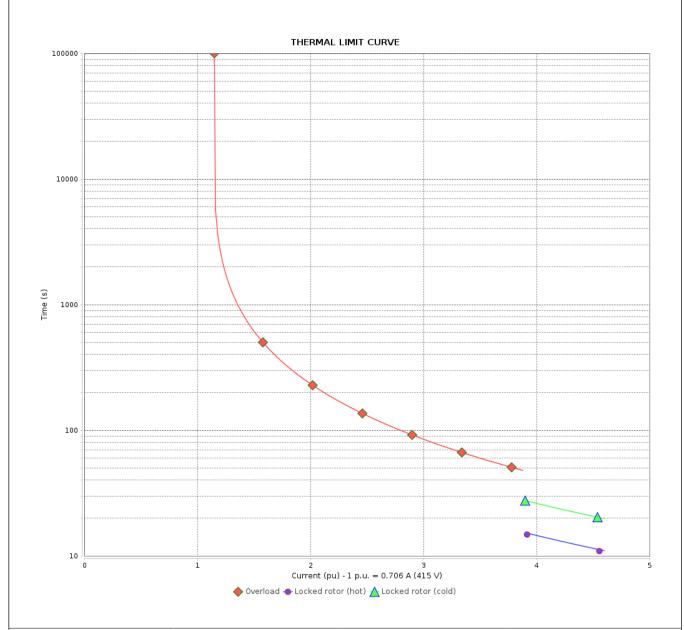
Cooling constant						
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#### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : MULTIMOUNTING Product code : 11692824



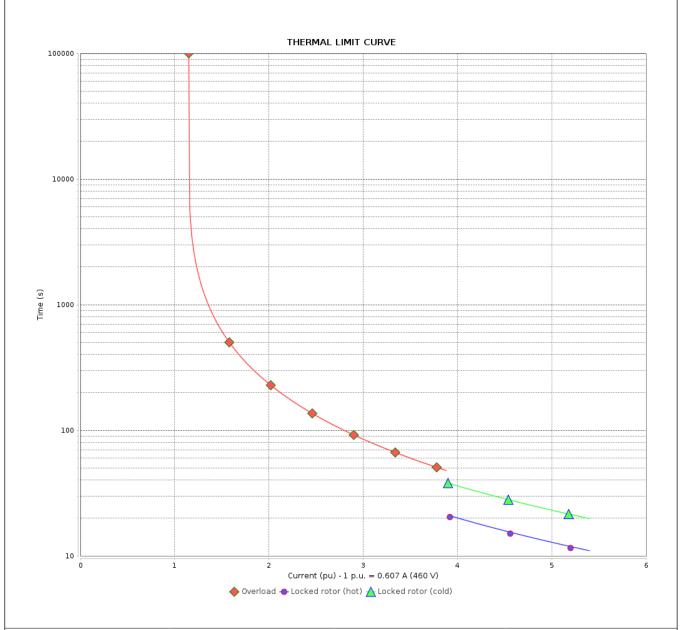
Performance : 240/415 V 50 Hz 2P : 1.22/0.706 A Moment of inertia (J) : 0.0002 kgm<sup>2</sup> Rated current **LRC** Duty cycle : S1 : 4.6 Insulation class : F Rated torque : 0.087 kgfm : 1.00 Locked rotor torque : 240 % Service factor : 240 % : 80 K Breakdown torque Temperature rise Rated speed : 2800 rpm Design : N Heating constant

Cooling constant	l .				
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#### Three Phase Induction Motor - Squirrel Cage



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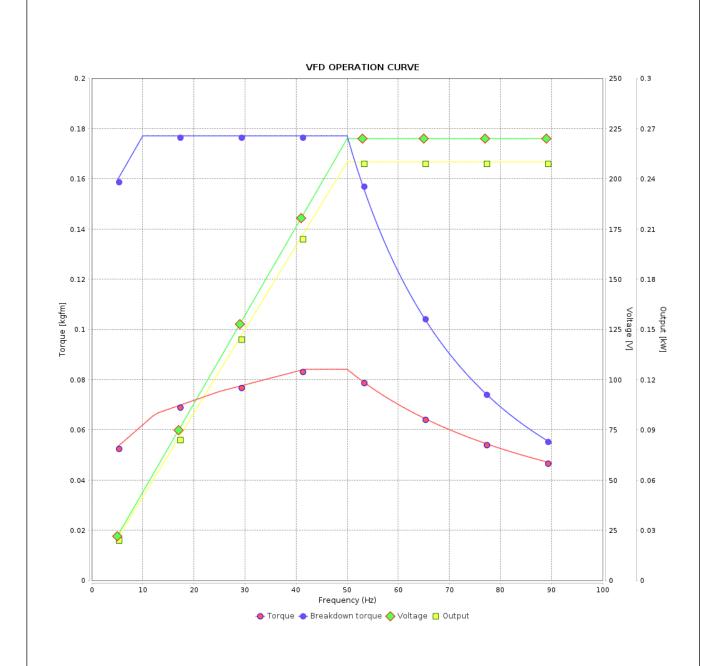
Performance	: 460 V 60 Hz 2P			
Rated current	: 0.607 A	Moment of inertia (J)	: 0.0002 kgm²	
LRC	: 5.4	Duty cycle	: S1	
Rated torque	: 0.071 kgfm	Insulation class	: F	
Locked rotor torque	: 280 %	Service factor	: 1.00	
Breakdown torque	: 290 %	Temperature rise	: 80 K	
Rated speed	: 3415 rpm	Design	: N	
Heating constant				
Cooling constant				

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#### Three Phase Induction Motor - Squirrel Cage



Customer :



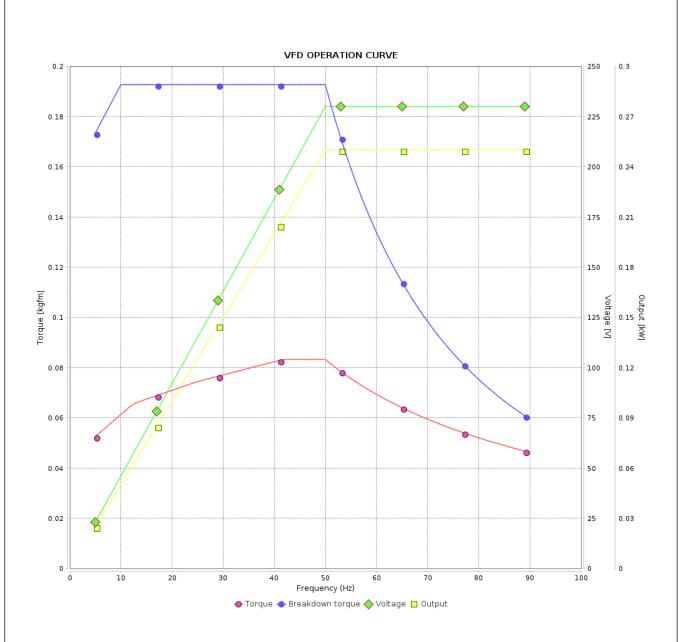
Performance	: 2:	20/380 V 50 Hz 2P				
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	ated current : 1.20/0.696 A Moment RC : 4.2 Duty cycle ated torque : 0.089 kgfm Insulation socked rotor torque : 200 % Service feakdown torque : 200 % Tempera		class actor	: 0.0002 kgm² : S1 : F : 1.00 : 80 K : N	2	
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#### Three Phase Induction Motor - Squirrel Cage



Customer :

Product line : MULTIMOUNTING Product code : 11692824



Performance	: 230/400 V 50 Hz 2P	400 V 50 Hz 2P				
Rated current	: 1.21/0.694 A	Moment of inertia (J)		: 0.0002 kgm²		
LRC	: 4.4	Duty cycle	<del>)</del>	: S1		
Rated torque	: 0.088 kgfm	Insulation class		: F		
Locked rotor torque	: 220 %	Service factor		: 1.00		
Breakdown torque	•		Temperature rise		: 80 K	
Rated speed	: 2780 rpm	Design		: N		
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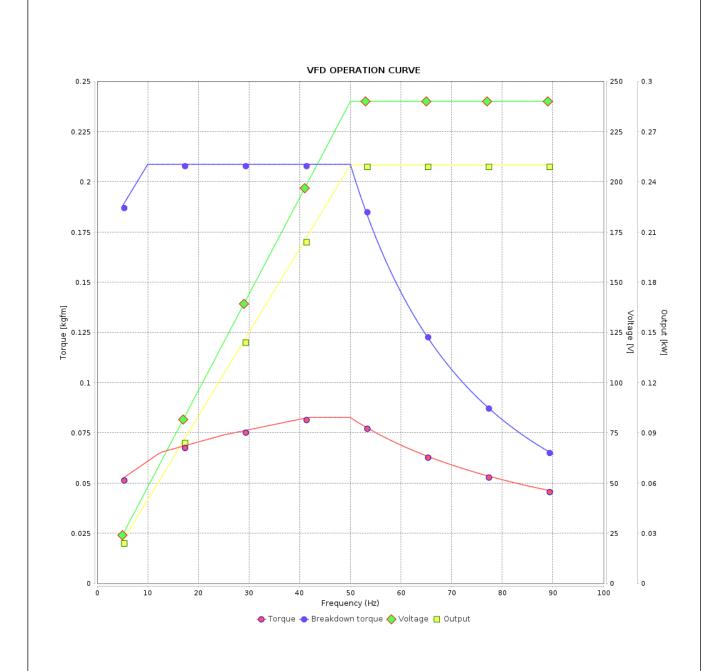
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#### Three Phase Induction Motor - Squirrel Cage



Customer :



Performance	: 24	40/415 V 50 Hz 2P				
Rated current LRC Rated torque Locked rotor torq Breakdown torqu Rated speed	ated current : 1.22/0.706 A Moment RC : 4.6 Duty cycleted torque : 0.087 kgfm Insulation cked rotor torque : 240 % Service (eakdown torque : 240 % Tempera		class ictor	: 0.0002 kgm² : S1 : F : 1.00 : 80 K : N		
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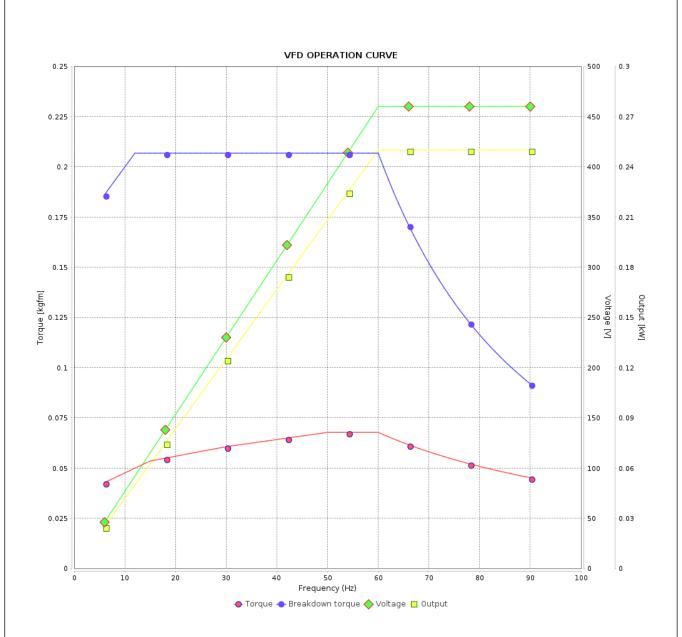
Customer :

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Product line : MULTIMOUNTING Product code : 11692824



Performance	: 4	60 V 60 Hz 2P				
Rated current LRC Rated torque Locked rotor tord Breakdown torqu Rated speed	: 5 : 0 jue : 2	0.607 A 5.4 0.071 kgfm 0.80 % 0.90 % 0.415 rpm	Moment of Duty cycle Insulation Service fa Temperation	class ctor	: 0.0002 kgm² : S1 : F : 1.00 : 80 K : N	
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