



N° de dossier HOWDEN BC COMPRESSORS
B004571

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MOTOR DRIVER DATA SHEET
MOTOR TAG N° 151-KM-0104

REVIEW CODE ☒ 2 ☒ 3
समीक्षा कोड ☒ 2 ☒ 3
Signature & Name _____
हस्ताक्षर एवं नाम _____
Date/दिनांक _____
V.P. No. _____
वी.पी.नं. 6907/7156

	1	Compressor Package Item No.	151-KA-04		
	2	Name and Service of Package	D166 LG 8.5/16 T1 HP Compressor		
	3	PR No. / PO. No.	BCPL/C&P/6907/MR-5315/0549/SK/3017		
	4	Document No.	4.B004571.D166.14		
	5	Project Name	BPCP		
	6	Client	BCPL		
	7	Consultant	EIL		
	8	Packager / Manufacturer	HOWDEN BC COMPRESSORS		
2	16.11.11	Update		SeC	SeC
1	06.10.11	Update		SeC	SeC
0	13/07/11	First issue		SeC	SeC
REVISION	DATE & SIGNATURE	MODIFICATION	Drawn by	APPR'd by	
PAGE DE GARDE		DATE: 16.11.11	N°	4.B004571.D166.14	

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MOTOR GA DRAWINGS
MOTOR TAG N° 151-KM-0104

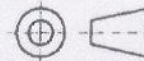
Signature	1	2	3
हस्ताक्षर			
Date			
V.P. No.			
वी.पी.नं.	6907 / 7837		

1	Compressor Package Item No.	151-KA-04
2	Name and Service of Package	D166 LG 8.5/16 T1 HP Compressor
3	PR No. / PO. No.	BCPL/C&P/6907/MR-5315/0549/SK/3017
4	Document No.	1.B004571.D166.86
5	Project Name	BPCP
6	Client	BCPL
7	Consultant	EIL
8	Packager / Manufacturer	HOWDEN BC COMPRESSORS

2	09/11/11	Update	SeC	SeC
1	06/10/11	Update	SeC	SeC
0	13/07/11	First issue	SeC	SeC
REVISION	DATE & SIGNATURE	MODIFICATION	Drawn by	APPR'd by
PAGE DE GARDE		DATE: 09/11/11	N° 4.B004571.D166.86	

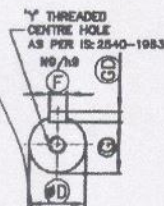
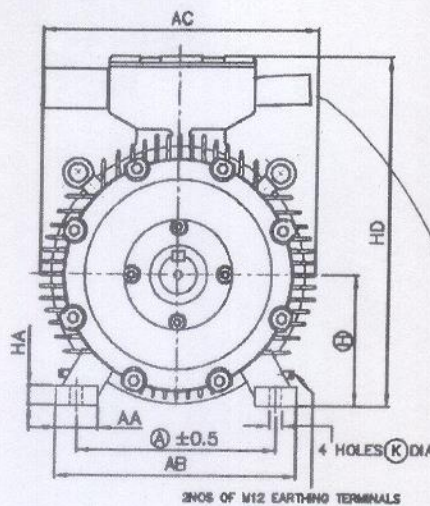
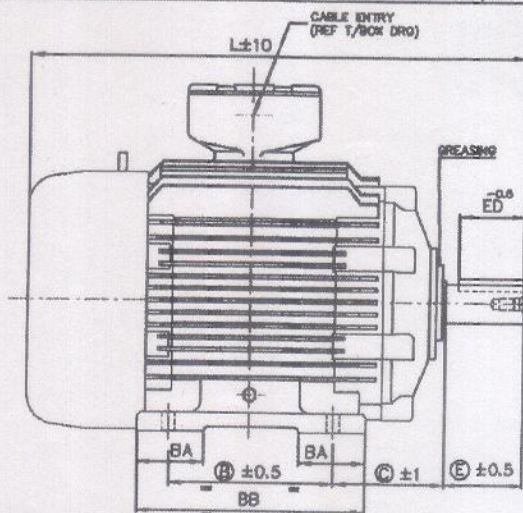
DIMENSION DRAWING OF 3 PH SQUIRREL CAGE TEFC FOOT
MOUNTED TB ON TOP FLAME PROOF (GROUP IIC) INDUCTION MOTOR

PROJECTION



DO NOT SCALE

PLEASE ASK, IF IN DOUBT



ROUNDED DIMENSIONS ARE AS PER IS:1231
ALL DIMENSIONS ARE IN mm

FRAME SIZE	FOOT FIXING										OVER ALL				
	A	B	B1	C	H TOL	AA	AB	BA	BB	K TOL	AD	AC	L	HD	HA
E250M	406	349		168	250.0 / 249.5	80	483	130	419	24.5 / 24.0		560	977	730	32

SHAFT AND KEY						
D TOL	E	ED	F TOL	GD TOL	G	Y
65.030 / 65.011	140	110	18.00 / 17.957	11.0 / 10.9	58.0 / 57.8	M20X40

- ① Cable entry shall be from R.H.S. as viewed from ~~DE~~ DE (however, terminal box shall be top mounted).
- ② Terminal box shall be rotatable in steps of 90°.

ERTL Test Report ERTL(E)TES/C184/0097/0208 Dt. 04/04/2008

CCE Letter No A/P/HQ/MH/104/1571(P216118) Dt. 30/07/2008

CUSTOMER	HOWDEN PROCESS COMPRESSORS	* kW	55
P.O. NO.	PO3009699	FRAME	E250M
IND. NO.	0413552156/100	POLE	4
CLIENT		TAG NO.	151-KA-014
PROJECT			

DRN	SBK	DATE	9-Nov-11	ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED
CHD	SBK	DATE	9-Nov-11	
APPROVED	DNB	DATE	9-Nov-11	



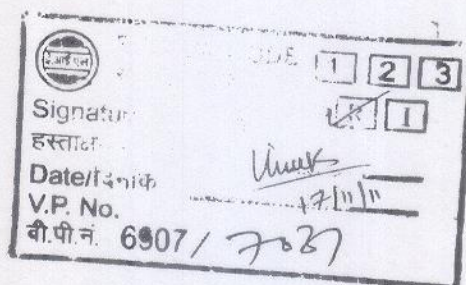
Crompton Greaves Limited
LT Motors Division
Ahmednagar

TITLE
OUTLINE DIMENSION DRAWING

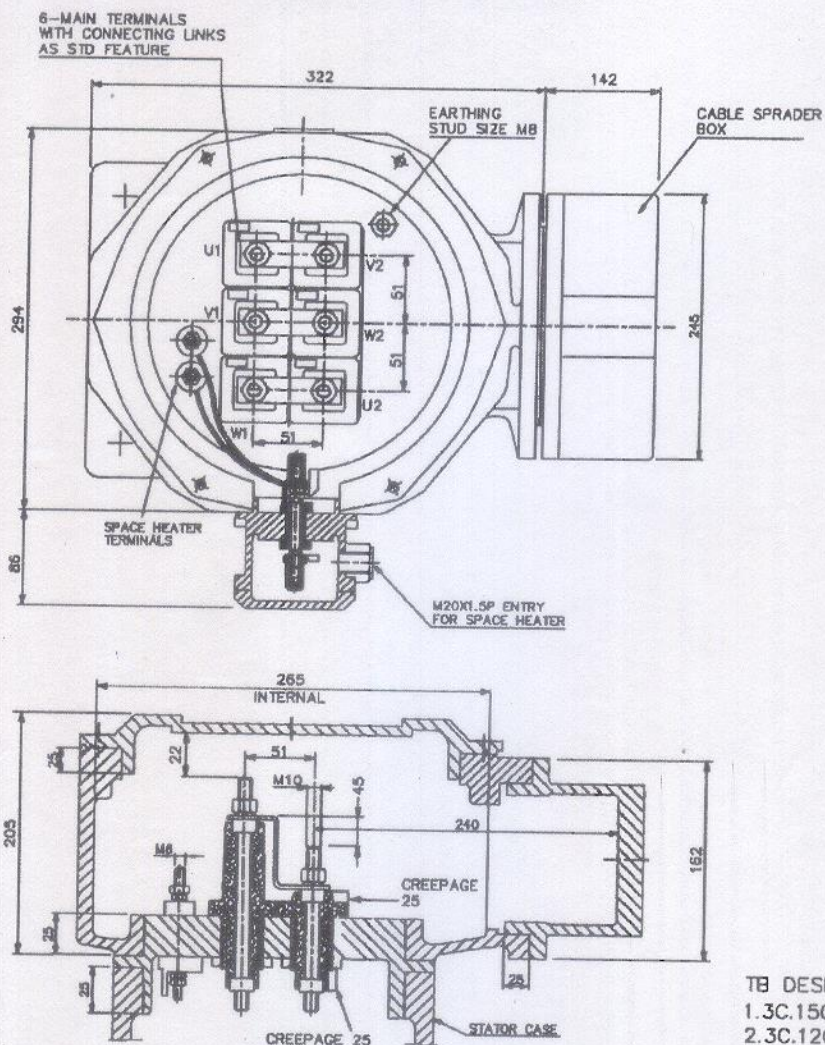
E250B3,V6TOP-40

MOTOR TERMINAL BOX ARRANGEMENT DRAWING

TAG N°: 151-KM-01



	1	Compressor Package Item No.	151-KA-04		
	2	Name and Service of Package	D166 LG 8.5/16 T1 HP Compressor		
	3	PR No. / PO. No.	BCPL/C&P/6907/MR-5315/0549/SK/3017		
	4	Document No.	4.B004571.D166.92		
	5	Project Name	BPCP		
	6	Client	BCPL		
	7	Consultant	EIL		
	8	Packager / Manufacturer	HOWDEN BC COMPRESSORS		
2	09.11.11	Update	SeC	SeC	
1	27.10.11	Update	SeC	SeC	
0	15.09.11	First issue	SeC	SeC	
REVISION	DATE & SIGNATURE	MODIFICATION	Drawn by	APPR'd by	
PAGE DE GARDE		DATE: 09.11.11	N° 4.B004571.D166.92		



CLEARANCE: 14
CREEPAGE 25

TB DESIGN
1.3C.150CI
2.3C.120CI
1.3.5C.150CI
2.3.5C.120CI

	SPACE HEATER	THERMISTOR	ET SIZE	RTD
PROVIDED	YES	NA		NA
CABLE SIZE	1X3CX2.5mm ²	NA	M50X1.5P 1-No.	NA
MAIN CABLE SIZE:	1 * 3C,150-MM ²			
CUSTOMER:	HOWDEN PROCESS COMPRESSORS		kW	55
P.O.NO	PO3009699		FRAME	E250M
IND.NO:	0413552156/100		POLE	4
CLIENT:				
PROJECT:	Tag No. 151-KA 01 04			
	NAME	DATE	ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED	
DRN	SBK	09/11/11		
CHD	SBK	09/11/11		
APPROVED	DNB	09/11/11		
			TITLE	SEA5440_IICR2
			TERMINAL BOX ARRANGEMENT	



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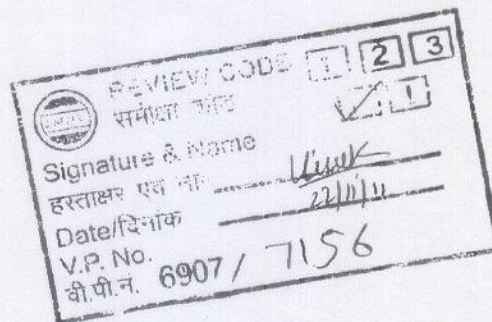
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N° de dossier **HOWDEN BC COMPRESSORS**
B004571

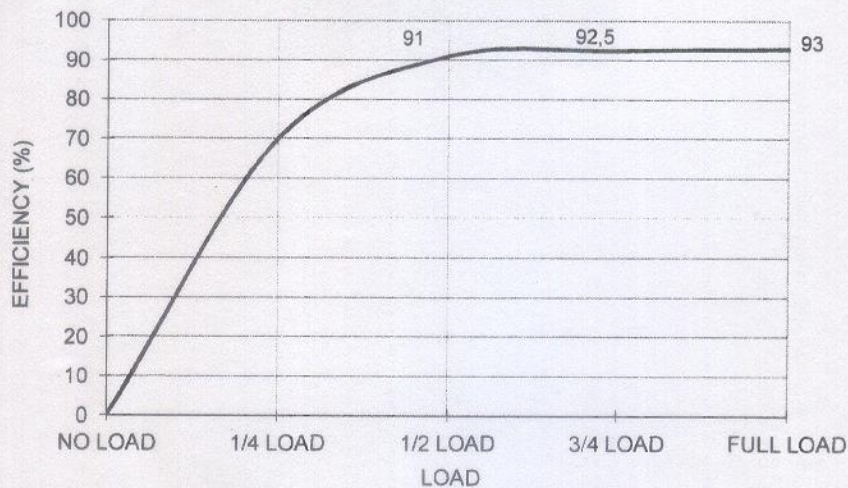
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MOTOR PF & EFFICIENCY CURVES
MOTOR TAG N°:151-KM-0104

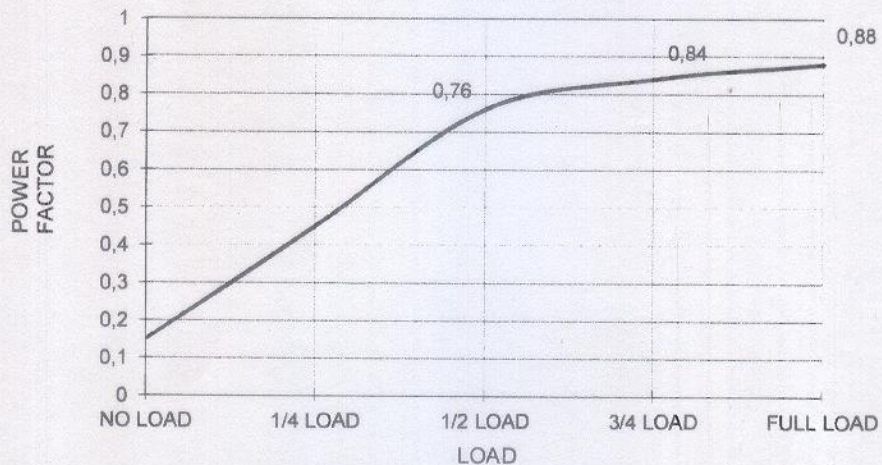


	1	Compressor Package Item No.	151-KA-04	
	2	Name and Service of Package	D166 LG 8.5/16 T1 HP Compressor	
	3	PR No. / PO. No.	BCPL/C&P/6907/MR-5315/0549/SK/3017	
	4	Document No.	4.B004571.D166.98	
	5	Project Name	BPCP	
	6	Client	BCPL	
	7	Consultant	EIL	
	8	Packager / Manufacturer	HOWDEN BC COMPRESSORS	
0	16.11.11	First issue	SeC	SeC
REVISION	DATE & SIGNATURE	MODIFICATION	Drawn by	APPR'ed by
PAGE DE GARDE		DATE: 16.11.11	N° 4.B004571.D166.98	

LOAD Vs EFFICIENCY



LOAD Vs POWER-FACTOR



CUSTOMER	HOWDEN PROCESS COMPRESSORS		kW	55
P.O.NO	PO3009699		FRAME	E250M
IND.NO:	0413552156/100		POLE	4
CLIENT:			TAG NO	151-KM-04
PROJECT:				
	NAME	DATE	Rev.	
DRN	PP	16-Nov-11	Dt.	
CHD	SSN	16-Nov-11		
APPROVED	DNB	16-Nov-11		
 Crompton Greaves Limited LT Motors Division Ahmednagar			TITLE	
			LOAD Vs EFFICIENCY & POWER FACTOR CURVE SC93.00/0.88	



N° de dossier **HOWDEN BC COMPRESSORS**
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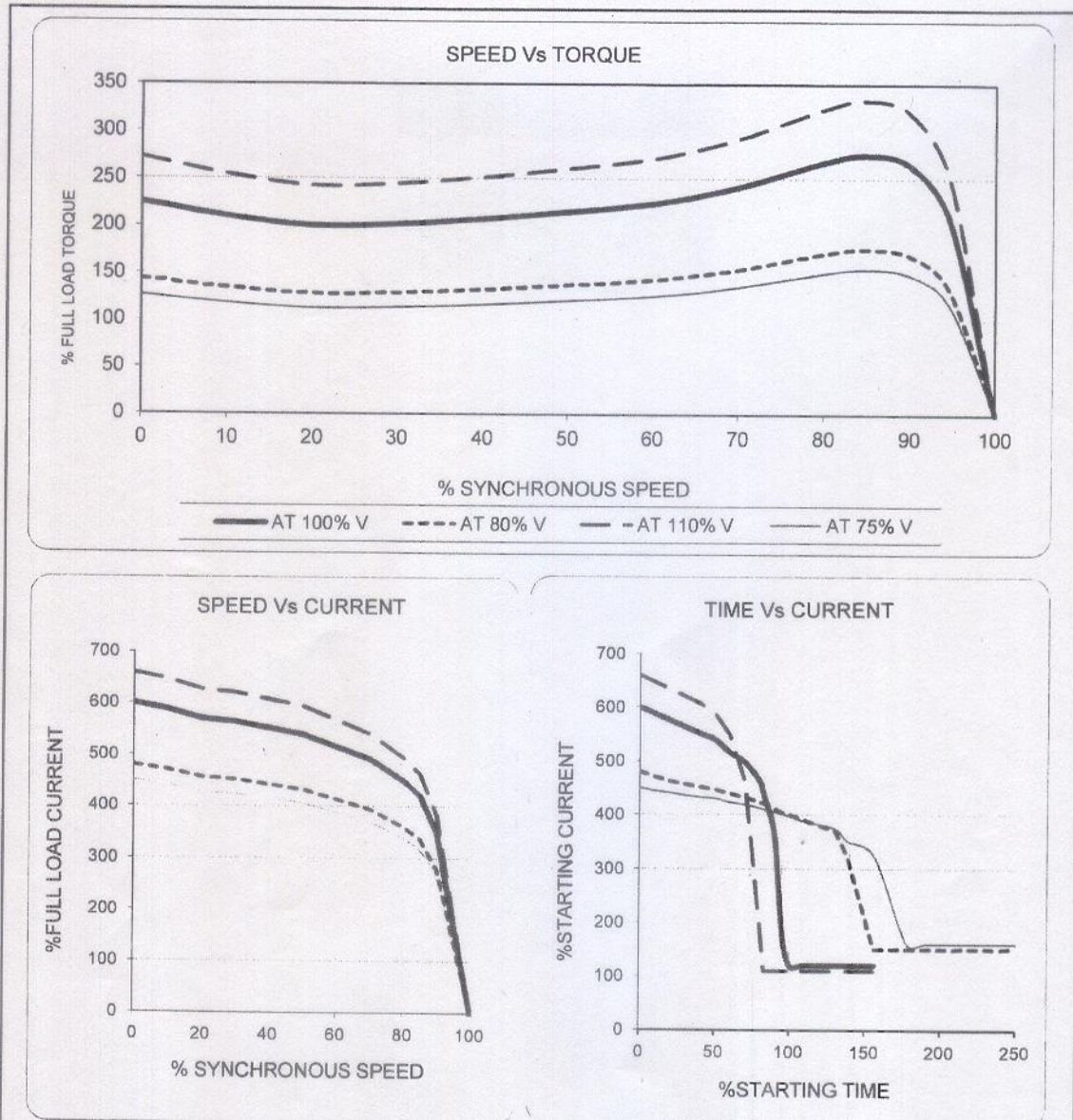
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MOTOR SPEED TORQUE CURVE & (CURRENT/TIME)

TAG N°: 151-KM-01

1	Compressor Package Item No.	I51-KA-04
2	Name and Service of Package	D166 LG 8.5/16 T1 HP Compressor
3	PR No. / PO. No.	BCPL/C&P/6907/MR-5315/0549/SK/3017
4	Document No.	4.B004571.D166.96
5	Project Name	BPCP
6	Client	BCPL
7	Consultant	EIL
8	Packager / Manufacturer	HOWDEN BC COMPRESSORS

0	15.09.11	First issue	SeC	SeC
REVISION	DATE & SIGNATURE	MODIFICATION	Drawn by	APPR'd by
PAGE DE GARDE		DATE: 15.09.11	N° 4.B004571.D166.96	



CUSTOMER	HOWDEN PROCESS COMPRESSORS		kW	55
P.O.NO	PO3009699		FRAME	E250M
IND.NO:	0413552156/100		POLE	4
CLIENT:			TAG NO.	0
PROJECT:				
	NAME	DATE	Rev.	
DRN	PP	15-Sep-11	Dt.	
CHD	SSN	15-Sep-11		
APPROVED	DNB	15-Sep-11		
 Crompton Greaves Limited LT Motors Division Ahmednagar			TITLE	
			TORQUE SPEED CURVE	
			SC12/24/600	

REVIEW CODE	123
समीक्षा कोड	123
Signature & Name	Handwritten Signature
हस्ताक्षर एवं नाम	Handwritten Name
Date/दिनांक	10/10/11
V. P. No.	
व.पी.नं.	6907/6319



N° de dossier **HOWDEN BC COMPRESSORS**
B004571

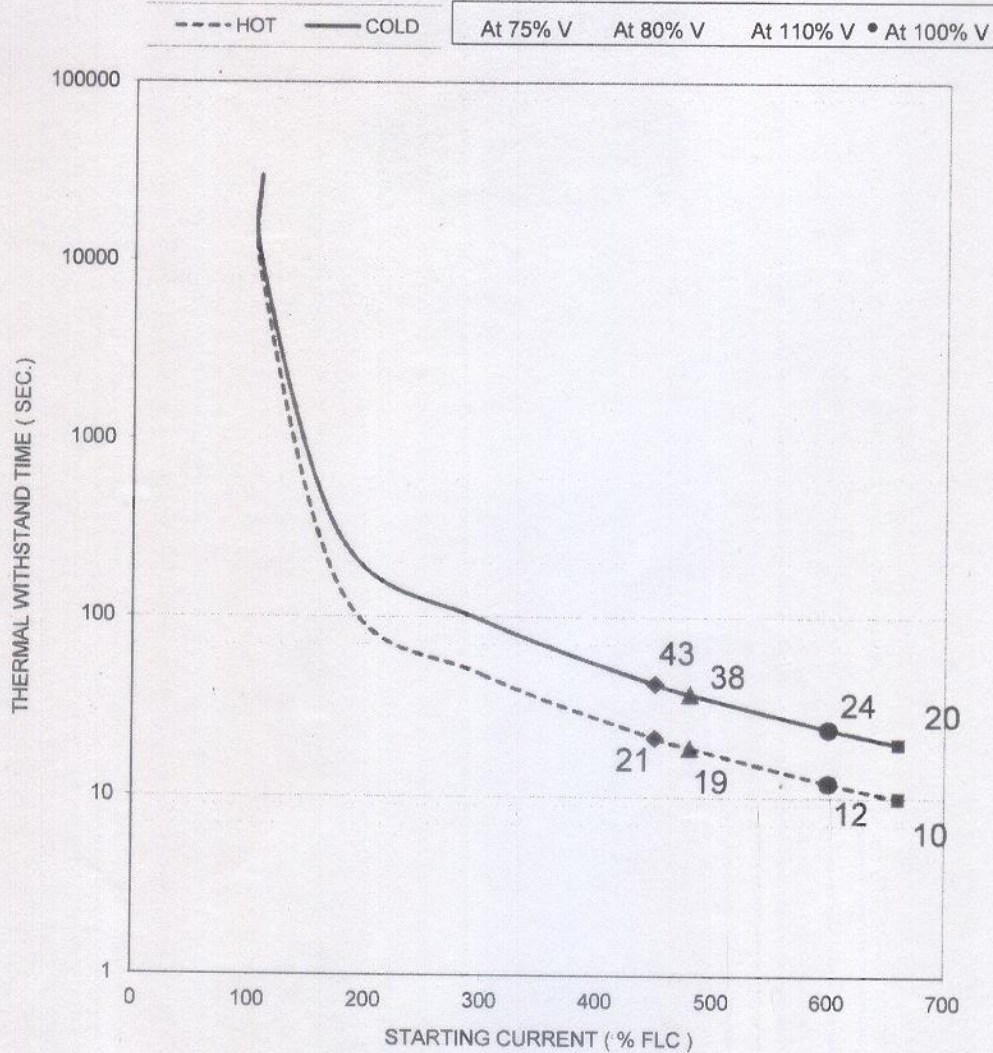
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MOTOR THERMAL WITH STAND CURVE (HOT & COLD)

TAG N°:151-KM-01

	1	Compressor Package Item No.	151-KA-04	
	2	Name and Service of Package	D166 LG 8.5/16 T1 HP Compressor	
	3	PR No. / PO. No.	BCPL/C&P/6907/MR-5315/0549/SK/3017	
	4	Document No.	4.B004571.D166.97	
	5	Project Name	BPCP	
	6	Client	BCPL	
	7	Consultant	EIL	
	8	Packager / Manufacturer	HOWDEN BC COMPRESSORS	
0	15.09.11	First issue	SeC	SeC
REVISION	DATE & SIGNATURE	MODIFICATION	Drawn by	APPR'ed by
PAGE DE GARDE		DATE: 15.09.11	N° 4.B004571.D166.97	

THERMAL WITHSTAND TIME CURVE



CUSTOMER	HOWDEN PROCESS COMPRESSORS		kW	55
P.O.NO	PO3009699		FRAME	E250M
IND.NO:	0413552156/100		POLE	4
CLIENT:			TAG NO.	0
PROJECT:				
	NAME	DATE	Rev.	
DRN	PP	15-Sep-11	Dt.	
CHD	SSN	15-Sep-11		
APPROVED	DNB	15-Sep-11		



Crompton Greaves Limited
LT Motors Division
Ahmednagar

TITLE
THERMAL WITHSTAND TIME CURVE
SC12/24/600

REVIEW CODE	1 2 3
समीक्षा कोड	
Signature & Name	Vivek
हस्ताक्षर एवं नाम	
Date/दिनांक	10/10/11
V. P. No.	
डी.पी.नं.	6907/6318