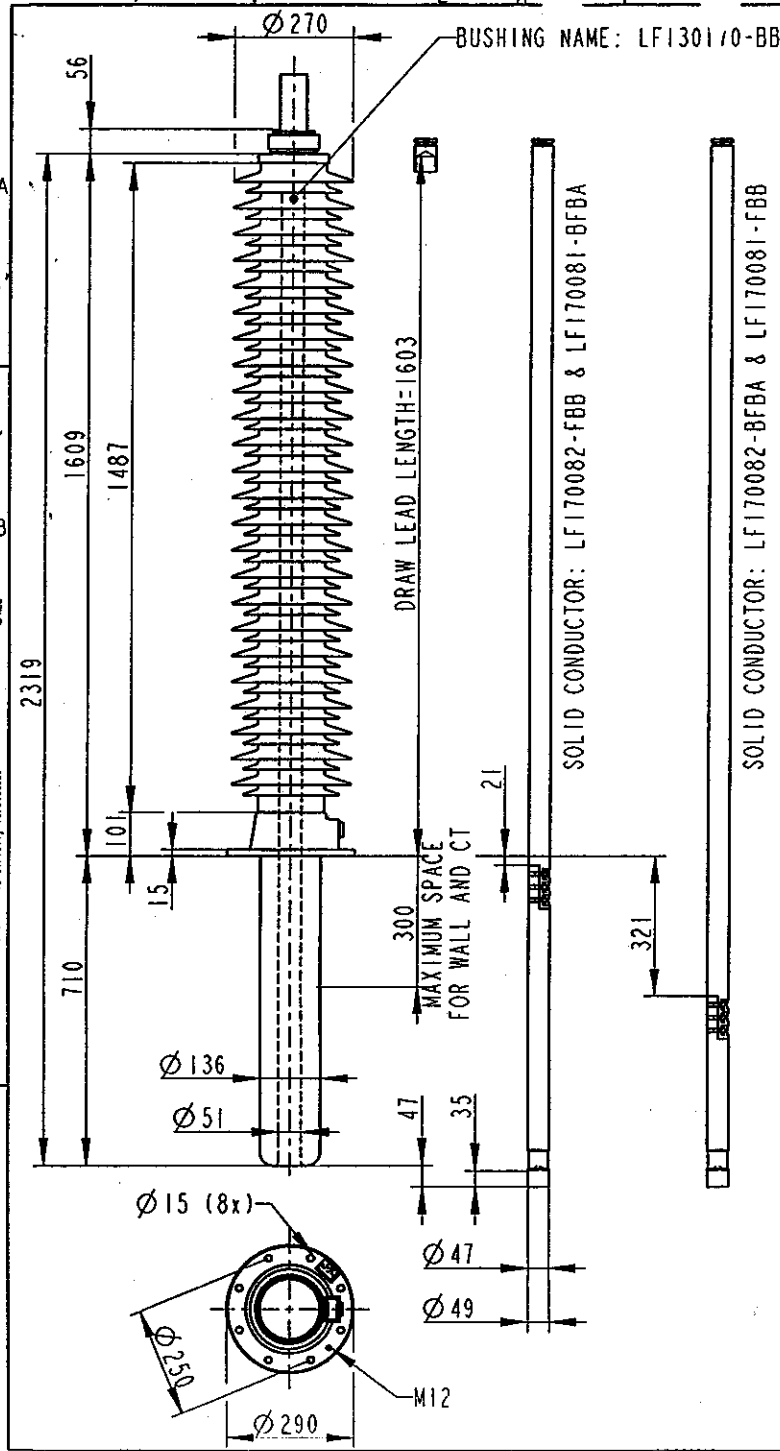
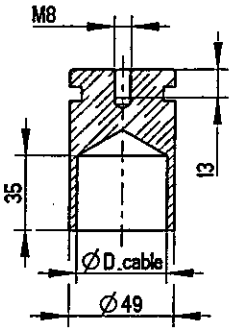
Rev ind	Revision	Appd	Date
1	Redrawn	LOS	9844

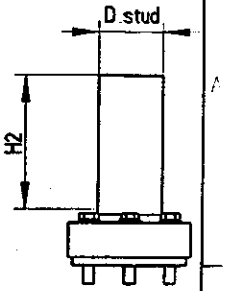
BUSHING NAME: LF1301/0-BB



INNER TERMINAL		
Catalogue No	D.cable	MASS
LF170080-A	5	1
LF170080-B	11	1
LF170080-C	13	1
LF170080-D	15	1
LF170080-E	18	1
LF170080-F	30	1
LF170080-G	42	1
LF170080-H	45	1



OUTER TERMINAL				
Catalogue No	MATERIAL	MASS	H2	D.STUD
LF170079-A	AL	2.3	125	60
LF170079-B	AL	1.6	125	30
LF170079-C	CU	6.2	125	60
LF170079-D	CU	3.6	125	30
LF170079-E	CU/SN	6.2	125	60
LF170079-F	CU/SN	3.6	125	30
LF170079-G	CU/AG	6.2	125	60
LF170079-H	CU/AG	3.6	125	30



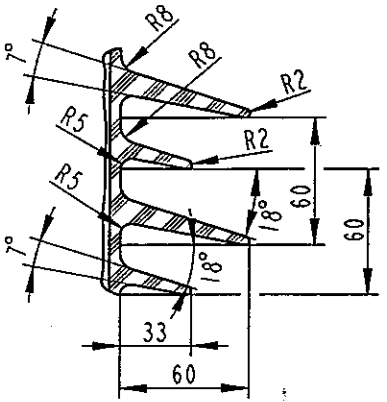


ABB Components	Ludvika, Sweden
GSA170-0A/1600/0.3	LF130170-BB
No.	
Um/Uy 170/170 kV I 1600 A 50/60 Hz	
LI / SI / AC 750 / - / 365 kV	
M 66 kg L 710 mm V 0-90	
C1 pF Tan δ	
C2 pF Tan δ	

ELECTRICAL DATA, according to IEC 137		
Ratings	Rated voltage	170 kV
	Max phase to earth voltage, temporary	170 kV
	Max current with Cu-conductor	1600 A
	Max current with stranded cable 740 mm²	1000 A
	Dry lightning impulse	750 kV
	Wet power frequency	325 kV
Routine test	Dry power frequency	365 kV
Capacitance	Nominal capacitance	377 pF

GENERAL DATA, according to IEC 137		
Silicone rubber insulator	Creepage distance	5504 mm
	Protected creepage distance	2400 mm
	Colour	GREY RAL 7035
Mass	Mass bushing	66 kg
Cantilever load	Cantilever test load, heavy load	4000 N
	Max cantilever operating load, bushing	2000 N
Temp class	Temperature class	CLASS 2
Mounting and service instructions		2750 515-115

ELECTRICAL DATA according to ANSI C57.19.00		
Ratings	Insulation class	161 kV
	Rated max. line to ground voltage	102 kV
	Max current with Cu-conductor	1600 A
	Max current with stranded cable 740 mm²	1000 A
Dim. requirements acc. to C57.19.01 not fulfilled.		

Signatures acc.to Revision 0 are valid
Signaturer enligt Revision 0 gäller

Based on		Reg. No.	Title: OIL-AIR BUSHING
Prepared: LINUSSON		Responsible department: COM/BKU 96 44	GSA170-0A/1600/0.3
Production engineering review: ÅSMO	Approved: JACOBSON	Take over department	Language: 82
Inspection engineering review: JOHANSSON	Revision	Database	Page: 1(1)
Design engineering review: PETRICI	ABB Components		Document No.: 2751362-FBB