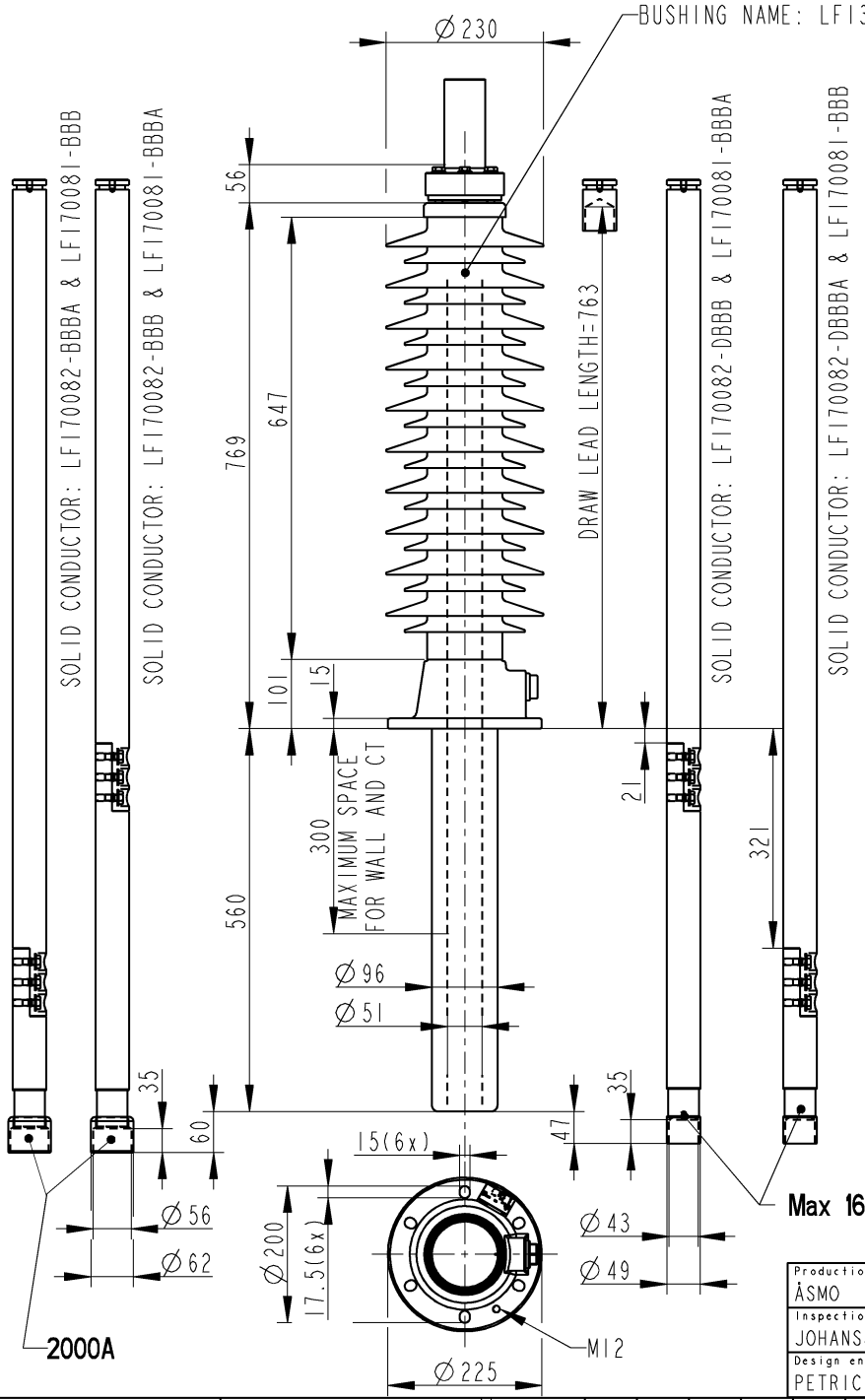
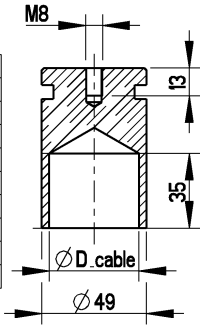
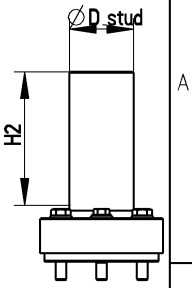
Rev Ind	Revision	Appd	Date
1	Redrawn	LOS	9844
2	Solid conductors updated.	TP	0709

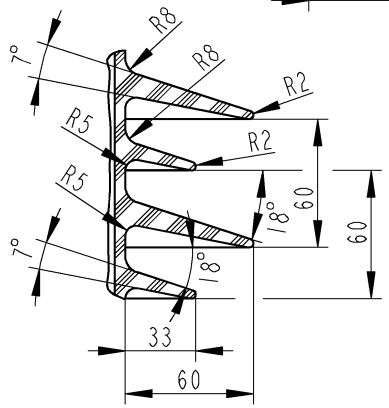


INNER TERMINAL		
Catalogue No	D_cable	MASS
LF170080-A	5	1
LF170080-B	11	1
LF170080-C	13	1
LF170080-D	15	1
LF170080-E	18	1
LF170080-F	30	1
LF170080-G	42	1
LF170080-H	45	1



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





ELECTRICAL DATA, according to IEC 60137		
Ratings	Rated voltage	73 kV
	Max phase to earth voltage, temporary	73 kV
	Max current with Cu-conductor	2000 A
	Max current with stranded cable 740 mm^2	1000 A
	Dry lightning impulse	350 kV
	Wet power frequency	140 kV
Routine test	Dry power frequency	160 kV
Capacitance	Nominal capacitance	494 pF

GENERAL DATA, according to IEC 137		
Silicone rubber insulator	Creepage distance	2323 mm
	Protected creepage distance	1000 mm
	Colour	GREY RAL 7035
Mass	Mass bushing	20 kg
Cantilever load	Cantilever test load, heavy load	3150 N
	Max cantilever operating load, bushing	1575 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	69 kV
	Rated max. line to ground voltage	44 kV
	Max current with Cu-conductor	2000 A
	Max current with stranded cable 740 mm^2	1000 A
Dim. requirements acc. to C57.19.01 not fulfilled.		

ABB Ludvika, Sweden
GSA73-OA/2000/0.3 LFI30073-BB
No.
Um/Uy 73/73 kV Ir 2000 A 50/60 Hz
LI / SI / AC 350 / - / 160 kV
M 20 kg L 362 mm V 0-90
C1 pF Tan δ %
C2 pF Tan δ %

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

Based on		Reg. No.	Title
Prepared	LINUSSON	Responsible department	COM/BKU 96 44
Production engineering review	ÅSMO	Approved	JACOBSON
Inspection engineering review	JOHANSSON	Revision	
Design engineering review	PETRICI	Take over department	
		Database	

OIL-AIR BUSHING
GSA73-OA/2000/0.3

Language 82
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Document No. 2751362-BBB

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