



PARTS				
NO	DESCRIPTION	QTY	MATERIAL	FINISH
1	Air end terminal	4	Aluminum alloy	Nickel coated
2	Lifting EYE	1	MS HDG	
3	OIL filling plug	1	SS	
4	Upper Insulator	1	Porcelain	
5	Mounting Flange	1	Aluminum alloy	
6	Center Conductor	1	Aluminum alloy	
7	Lower Insulator	1	Porcelain	
8	Spring assembly	16	Steel EN47	
9	Oil drain plug	1	SS	
10	Bottom terminal		Aluminum alloy	Nickel coated
11	Test tap	1	Aluminum	Anodized
12	Condenser Core	1	OIP	

TECHNICAL DATA	
Model	HCA-3616
Standard	IEC 60137
Rated Voltage	36 kV
Rated Current	16,000 Amps
Basic Insulation Level	170 kVp
1 min. AC test voltage (Dry)	77 kV
1 min. AC test voltage (Wet)	70 kV
Total creepage length	900 mm
Short time current	100kA, 3 Sec.
Dynamic current	250kAp
Cartiliver withstand	315kg

GENERAL	
Type	: OIP condenser, Hermetically sealed
Mounting	: Vertical
Total weight	: 170kg
Quantity oil	: 6ltr.
Terminal	: Aluminum alloy
Finish of contact area	: Nickel electroless

REVISIONS					
NO	REV	DESCRIPTION	DATE	BY	CHK
1	0.1	Initial			
2	0.2	Changed title block, added insulator tolerance note, modify technical data, remove Oil communicating note.			
3	0.3	Rev 6: Short time current 290kA, 2 Sec. to 100kA, 3 Sec.			
4	0.5-6	Rev 6: Short time current 290kA, 2 Sec. to 100kA, 3 Sec. Note: Tolerance for Upper and Lower Insulators shall be as per IEC 62155.			

TOLERANCE UNLESS OTHERWISE SPECIFIED					
NO	REV	DESCRIPTION	DATE	BY	CHK
1	0.1	±0.1	±0.3	±0.5	±0.8
2	0.2	±0.2	±0.5	±1.2	±2
3	0.3	±0.3	±0.5	±1.2	±2
4	0.5-6	±0.1	±0.3	±0.5	±0.8

DIMENSIONS					
NO	REV	DESCRIPTION	DATE	BY	CHK
1	0.1	All dimension are in mm.			

DRN	Darshan		<b>GUJARAT, INDIA.</b>
CHK	-		
APPD	DZ		
DATE	24-12-2014	CUST: CGL	CODE: YHCBS0000009
SCALE: 1:1		36kV 16000A Bushing	
DRG NO: HCA036160100		REV. 7	