



REV	ZONE	DESCRIPTION	BY	CHKD	DATE
0	---	FIRST ISSUE	SUNIL	LSK	26.05.12

TECHNICAL SPECIFICATION

MATERIAL HANDLED: SODIUM CARBONATE/SODIUM BICARBONATE
CAPACITY : ~16 TPH
BULK DENSITY : 1041 kg/m³
ROTOR RPM : 18-20 RPM

DRIVE DETAILS

DRIVE UNIT : 1.5 kw /24 RPM
DRIVE SPROCKET : SIMPLEX, 1" PITCH x 13 TEETH
DRIVEN SPROCKET : SIMPLEX, 1" PITCH x 17 TEETH
LOCATION : BELOW HOPPER 14V-1A & 14V-1B

UNIT WEIGHT: 370 kg's

9	GEARED MOTOR : 1.5 kw / 24 RPM	STD	1 No	
8	CHAIN GAURD	IS:2062	1 No	
7	TRANSMISSION CHAIN	STD	1 No	
6	DRIVEN SPROCKET	IS:2062	1 No	
5	DRIVE SPROCKET	IS:2062	1 No	
4	BEARING COVERS	C.I	1+1	
3	ROTOR ASSLY	ENB & MS	1 No	
2	END COVERS	C.I	1 No	
1	BODY	C.I	1 No	
ITEM No.	DESCRIPTION	MATL.	QTY.	REMARKS



SCORPIO ENGINEERING PVT LIMITED
BANGALORE INDIA

REMOVE ALL BURRS AND SHARP CORNERS. TAPPED HOLES TO BE COUNTERSUNK.
UNSPECIFIED FILLETS AND RAIN TO BE 3 mm.

DRN : SUNIL DATE : 26.05.2012

ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED

CHKD : LSK

DATE : 26.5.12

SCALE :

APPD :

DATE :



NTS

TITLE :- GA OF 350x350 ROTARY AIRLOCK
(DROP THROUGH TYPE)

THE COPY RIGHT OF THESE DRAWINGS AND OF ENCLOSURES ENTRUSTED TO THE RECIPIENT PERSONALLY REMAINS THE EXCLUSIVE PROPERTY OF THIS FIRM. WITHOUT OUR WRITTEN CONSENT THEY MAY NOT BE COPIED OR REPRODUCED OR DELIVERED OR MADE KNOWN TO THE THIRD PARTIES

DRG NO. 3-5916C

REV 0

SHEET 1 OF 1

CLIENT : HCC-MUMBAI-
UCIL-KADAPA
JOB No. : J12-1092
QTY : 1+1 Nos.