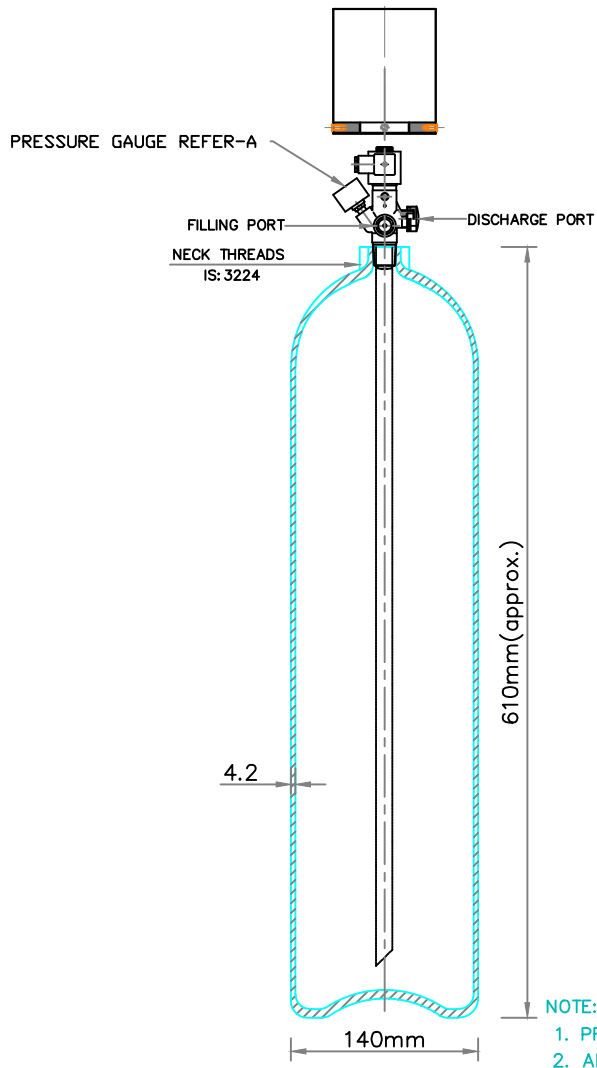


DATA SHEET	N2 PILOT CYLINDER ASSEMBLY	PART NO : BIH302-N2
-------------------	-----------------------------------	------------------------

OLD DWG.NO.DP-5.8/08-038	DATE : 14.03.08	REV : 00	SCALE : N.T.S	SHEET : 1 OF 1	APPD BY :
NEW DWG.NO.DP-5.8/MT-242	DATE : SEP 2013				

INTRODUCTION
 CYLINDER OF W/C 6.8 LTRS. IS FILLED WITH 1 M³ (APPROXIMATE) NET-100 (N2) GAS AT 150 BAR PRESSURE IS FUNCTIONING AS PILOT CYLINDER TO OPERATE PNEUMATIC SLAVE CYLINDER VALVES / PNEUMATIC TYPE DIRECTIONAL VALVE IN FIRE EXTINGUISHING SYSTEM.



DETAILS			
Sl. No.	DESCRIPTION	PART No./ CODE No.	QTY.
01.	N2 PILOT CYLINDER ASSEMBLY	BIH302-N2	1 SET
1.1	6.8 LITERS WATER CAPACITY INERT CYLINDER	BIH048-6.8-NET-100	1 NO.
1.2	NET-100 (N2) GAS	BIH135-NET-100	1 M ³ AT 150 BAR
1.3	INERT GAS VALVE WITH INBUILT 24V DC SOLENOID COIL AND MANUAL LEVER WITH PRESSURE GAUGE	BIH001/4 NET PG	1 NO.
1.4	INERT CYLINDER VALVE PROTECTION CAP WITH 80/95 FLANGE	IH149-80/95	1 NO.

REFER-A



NOTE:
 1. PRESSURE REDUCING ADAPTER IS TO BE FIXED IN THE DISCHARGE PORT.
 2. ALL DIMENSIONS ARE IN "mm" UNLESS OTHERWISE SPECIFIED.

TECHNICAL SPECIFICATION

Sl. No.	MAKE	AGNI CONTROLS	CYLINDER	EKC/EUROTECH/RAMA	INERT GAS VALVE
01.	TYPE OF GAS	NET-100 (N2 GAS)	01. MANUFACTURER	HIGH PRESSURE, SEAMLESS	1) MANUFACTURER
02.	GAS CAPACITY	1 M ³ AT 150 BAR	02. TYPE	RECHARGEABLE CYLINDER	2) MAX.WORKING PRESSURE
03.	METHOD OF DISCHARGE	BY SOLENOID & MANUAL LEVER OPERATION	03. CODE OF MANUFACTURE	IS: 7285 / 2004	3) MATERIAL OF COMPONENT
04.	TYPE OF DISCHARGE	NON INTERMITTENT TYPE	04. WORKING PRESSURE	150Kgf./Cm ² at 15°c	4) OPERATING VOLTAGE
05.			05. TEST PRESSURE	250Kgf./Cm ² at 15°c	5) WORKING TEMPERATURE
			06. TARE WEIGHT	11 KG (approx)	6) APPROVAL
			07. APPROVAL	CCOE/PESO, NAGPUR	
					1) PRESSURE GAUGE
					2) GAUGE CONNECTION
					3) NOMINAL SIZE
					3) INDICATION RANGE

<p>IMPORTANT: AGNI CONTROLS RESERVES THE RIGHT TO CHANGE OR MODIFY WITHOUT PREVIOUS NOTICE ANY DATA OR SPECIFICATION DUE TO CHANGES OR MODIFICATION IN ORDER TO IMPROVE THE PRODUCTS / SYSTEM PRESENTED.</p>	<p>ISO 9001 - 2008 CERTIFIED BY BUREAU VERITAS</p> <p>NO.1, 6TH STREET, Dr.SUBBARAYAN NAGAR, KODAMBAKKAM, CHENNAI-600 024, INDIA. PHONE : +91 44 2481 2420, FAX : +91 44 2481 2475, E-MAIL : engineering@agnicontrols.com WEBSITE : www.balafire.com</p>
--	--