RIEF TECHNICAL SPECIFICATION FOR 14" CAST IRON ROTARY AIR LOCK VALVE

1.	SIZE	14" (350 mm)
2.	TYPE	DROP THROUGH / AIRLOCK
3.	M.O.C.	CAST IRON
4.	ROTOR DISPLACEMENT	32 Ltrs.
5.	RECOMMENDED ROTOR RPM	20 - 22
6.	FILLING FACTOR	0.8 (GENERALLY RECOMMENDED)
7.	No. OF BLADES	8 Nos.
8.	ROTOR CONSTRUCTION	CAST IRON/M.S. FABRICATED, OPEN TYPE
9.	BLADE TIPS	ADJUSTABLE (O.H.N.S./NYLON/TEFLON)
10.	CLEARANCE HOUSING & ROTOR	0.2 - 0.3mm
11.	END COVER & ROTOR	0.2 - 0.3mm
12.	VENTING ARRANGEMENT	RECTANGULAR DUCT 200x80mm
13.	PURGING ARRANGEMENT	1/4" BSP, 2 Nos. (OPTIONAL)
14.	DRIVE ARRANGEMENT	PROVIDED AS PER REQUIREMENT
15.	SEALING TYPE	STUFFING BOX AND GLAND
16.	BEARING ARRANGEMENT	DIA.: 40mm, NTN MAKE (OUTBOARD)
17.	DISCHARGE CAPACITY	$35m^3$/HOUR AT 23 RPM
18.	BARE WEIGHT	350 kg. (W/O MOTOR AND GEARED BOX)
19.	HARD DEPOSIT (OPTIONAL)	GAS NITRIDED UP TO 55-58 Rc.
20.	COLOUR	TWO TONE POWDER COATED
21.	MODEL	RVZ 351

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