

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 <sup>3</sup> /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