

ROTARY VALVE - AL/BL DAIRY

Technical data standard configuration

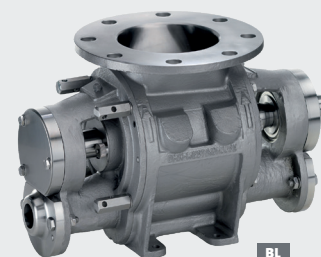


GENERAL DATA

FLANGE CONNECTION	PN 10 or ANSI 150 lbs.					
MAXIMUM ALLOWABLE WORKING PRESSURE	up to 2 barg					
ALLOWABLE CONVEYING PRODUCT TEMPERATURE	up to 150°C					
USDA	The DMN AL-BL Dairy rotary valves are acceptable for use in dairy plants surveyed and approved for USDA grading services.					
ATEX 2014/34/EU	1D/2DG Equipment Protective system St.2 (10 bar P _{max}) Flameproof in both directions (If required please specify on order)					
SIZE AL/BL	150	175	200	250	300	350
CAPACITY LTR/REV.	2.5	5.5	10.5	19	34	58

* Capacity per revolution at 100% filling

VENT HOLES IN HOUSING OPTIONAL	UNEF 1 1/8" thread with ferrule					
AIR PURGE CONNECTION IN END COVERS	G 1/4"-Ø10					



MATERIAL SPECIFICATIONS

CAST HOUSING/END COVERS	Stainless steel 316	DIN 1.4408
ROTOR FIXED 8 VANES	(size 300 - 350 9 vanes)	
ROTOR FABRICATED	Stainless steel 316L	DIN 1.4404
POLISH	All internal (product contact) parts 0.8 µm (P150 grit)	
SHAFT SEAL	Glandpacking by means of lipseal Air purge by means of lipseal Lipseal Viton white FDA approved material	
BEARING	Outrigged ball-bearing sealed for life	

DRIVE SPECIFICATIONS

 * Minimum advised Torque [Nm] required.

SIZE AL/BL	150	175	200	250	300	350
50Hz	110	150	210	285	410	560
FREQUENCY CONTROLLED (10-60Hz)	150	205	285	385	555	755

Variations available on request For example: Easily detachable with supporting rails (Type MZC)