

AIRLOCK VALVE DATA SHEET

MODIFIED STARCH DRYING PROJECT – AGRANA – ROMANIA

REVISION:	DATE:	SPECIFIED BY:	CHECKED BY:	APPROVED BY:	FAN TAG NO.:	H6514	JOB NO.:	5204
					FAN SERVICE:	SILO AIRLOCK	DOCUMENT NO.:	5204-ME-DS-H6514-00
0	05.05.2026	A.H.	P.S.	A.Z.	FAN QT'Y:	1	P&ID NO.:	5204-PR-DW-0001-03
						SHEET 1 OF 1		
OPERATING CONDITIONS						CONSTRUCTION MATERIALS		
PRODUCT TEMPERATURE °C						HOUSING / CASING		
DIFFERENTIAL PRESSURE bar						ROTOR		
ABRASIVE? YES NO						END COVERS		
CORROSIVE? YES NO						SHAFT		
HYGIENIC / FOOD FRADE? YES NO						SEAL / GASKETS		
EXPLOSION PROOF? YES NO						BEARINGS		
GENERAL SPECIFICATIONS						OPTIONAL ACCESSORIES		
VALVE TYPE DROP THROUGH BLOW-THROUGH SIDE-ENTRY						AIR PURGE ASSEMBLY		
SERVICE / APPLICATION						HARD SURFACE COATING (ROTOR)		
MATERIAL TO BE HANDLED Dry Starch Powder						HARD SURFACE COATING (HOUSING)		
MATERIAL BULK DENSITY kg/m³						INSPECTION PORT		
INLET / OUTLET CONNECTIONS: INLET OUTLET						TEMPERATURE SENSOR		
BEARINGS TYPE						SPEED MONITOR/PROXIMITY SWITCH		
MECHANICAL SPECIFICATION						OTHERS		
ROTOR DIAMETER mm						REMARKS / SPECIAL REQUIREMENTS		
ROTOR LENGTH mm								
No. OF ROTOR POCKETS								
DISPLACEMENT VOLUME lit/rev.								
MAX. DIFFERENTIAL PRESSURE bar								
ROTOR AND HOUSING DETAILS								
ROTOR TYPE CLOSED END OPEN END ADJUSTABLE TIP								
ROTOR MATERIAL								
HOUSING MATERIAL								
SHAFT SEAL TYPE LIP SEAL MECHANICAL SEAL								
AIR PURGE								
INTERNAL FINISH AS CAST MACHINED POLISHED								
MOTOR AND DRIVE DATA								
DRIVE ARRANGEMENT DIRECT COUPLED CHAIN DRIVEN V-BELT								
MOTOR POWER kW								
MOTOR SPEED rpm								
VOLTAGE / PHASE / FREQUENCY								
SPEED CONTROL FIXED VFD								
ELECTRICAL HAZARDOUS AREA								

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