

## SCREW CONVEYOR DATA SHEET

MODIFIED STARCH DRYING PROJECT – AGRANA – ROMANIA

REVISION:	DATE:	SPECIFIED BY:	CHECKED BY:	APPROVED BY:	FAN TAG NO.:	H6513	JOB NO.:	5204
					FAN SERVICE:	DRY STARCH SCREW CONVEYOR	DOCUMENT NO.:	5204-ME-DS-H6513-00
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				SCREW FLIGHT			
AMBIENT TEMPERATURE °C				SHAFT			
ABRASIVE? YES NO				TROUGH / CASING			
CORROSIVE? YES NO				HANGER BEARINGS			
DUTY CYCLE CONTINUOUS INTERMITTENT				END BEARINGS (DRIVE END)			
				END BEARINGS (NON-DRIVE END)			
GENERAL SPECIFICATIONS				GASKETS / SEALS			
CONVEYOR TYPE HELICAL SCREW SHAFTLESS SCREW TAPERED SCREW				WEIGHT: CASING kg			
MATERIAL TO BE HANDLED Dry Starch Powder				SCREW kg			
MATERIAL BULK DENSITY kg/m³				TROUGH kg			
REQUIRED CAPACITY m³/hr				TOTAL kg			
CONVEYOR LENGTH m				OPTIONAL ACCESSORIES			
INCLINED ANGLE degrees				INSPECTION COVER			
MECHANICAL SPECIFICATION				OVERFLOW CHUTE			
SCREW DIAMETER mm				SHAFT SPEED MONITOR			
PITCH TYPE STANDARD SHORT PITCH VARIABLE PITCH				ABRASION-RESISTANT LINING			
TROUGH TYPE U-SHAPED TUBULAR				VARIABLE FREQ. DRIVE (VFD)			
TROUGH MATERIAL THICKNESS mm				STAINLESS STEEL CONSTRUCTION			
INLET / OUTLET POSITIONS: INLET OUTLET				OTHERS			
MOTOR AND DRIVE DATA				REMARKS / SPECIAL REQUIREMENTS			
MOTOR POWER kW							
MOTOR SPEED rpm							
DRIVE TYPE DIRECT GEARBOX BELT/V-BELT							
TROUGH MATERIAL THICKNESS mm							
INLET / OUTLET POSITIONS INLET OUTLET							
VOLTAGE / PHASE / FREQUENCY							
GEARBOX RATIO							
ELECTRICAL HAZARDOUS AREA							

SCREW CONVEYOR SKETCH

- NOTES:
- 1.
  - 2.
  - 3.
  - 4.