

MOTOR LIST

MODIFIED STARCH DRYING PROJECT – AGRANA – ROMANIA

REVISION:	DATE:	SPECIFIED BY:	CHECKED BY:	APPROVED BY:	JOB No.:	5204
0	11.12.2025	A.H.	P.S.	A.Z.	DOCUMENT No.:	5204-EL-LI-0001-01
1	28.03.2026	A.H.	P.S.	A.Z.	REVISION:	1
					P&ID No. :	5204-PR-DW-0001-03

ITEM No.	EQUIPMENT NAME	EQUIPMENT TAG NO.	MOTOR NO.	QUANTITY	POWER (kW)	SPEED (rpm)	GEARBOX RATIO	FINAL SPEED (rpm)	VARIABLE FREQ. DRIVE	ATEX CLASSIFICATION	BRAND	REMARKS
M-1	AGITATED FEED VESSEL	B6200	M-1 – B6200	1	15	1450	59.17	24.5	–	No ATEX	SEW	R137DRE180M4
M-2	AGITATING ELEMENT	R6201	M-2 – R6201	1	7.5	1450	59.41	24.4	VFD	No ATEX	SEW	R107DRE132MC4
	INDEPENDENT COOLING FAN	–	–	1	0.08	2800	–	–	–	No ATEX	SEW	–
M-3	STARCH CAKE SCREW CONVEYOR	H6202	M-3 – H6202	1	11	1450	22.37	64.8	–	No ATEX	SEW	R97DRE160MC4
M-4	STARCH CAKE FEEDER	H6203	M-4 – H6203	1	4	1450	23.4	62.0	–	No ATEX	SEW	R87DRE132S4
M-5	STARCH CAKE WET BLOWER	H6204	M-5 – H6204	1	30	1450		1450	VFD	Zone 22	SEW	–
M-6	SILO AIRLOCK	H6514	M-6 – H6514	1	2.2				VFD	Zone 21	SEW	–
M-7	DRY STARCH SCREW CONVEYOR	H6513	M-7 – H6513	1	7.5	1450	25.03	57.9	–	Zone 22	SEW	R97DRE132MC4
M-8	STARCH DRYER FAN	V6515	M-8 – V6515	1	250	1450		1450	VFD	Zone 22	JN	–
M-9	AIR HEATER CONDENSATE PUMP	P6501	M-9 – P6501	1	3	1450		1450	–	No ATEX	Sulzer	–

TOTAL POWER 330.3 kW

NOTES: 1–
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