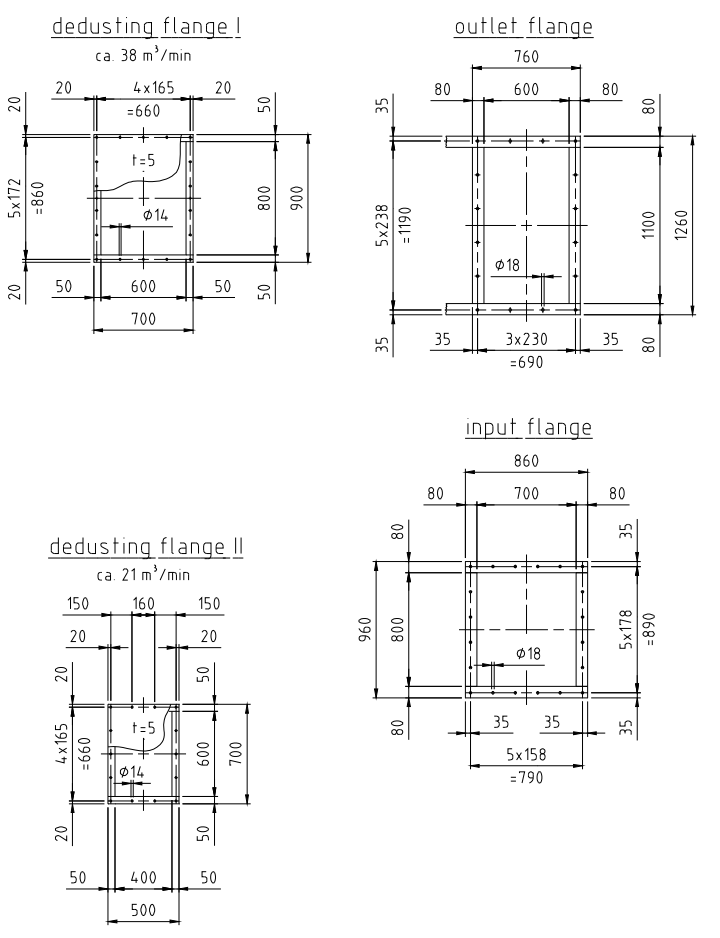


TECHNICAL DATA					
PROJECT NO	42658	ITEM NO	BE-04		
BELT BUCKET ELEVATOR SIZE	BW-G 800/320	BUCKET SPACING [mm]	400		
DRIVE DRUM Ø [mm]	1025	FILLING RATE [%]	75		
CENTRE DISTANCE [mm]	104500	MATERIAL	Raw Meal		
BELT QUALITY	H 20 (+130°C)	BULK DENSITY [t/m³]	0.7		
CONVEYING CAPACITY [t/h]	300	PARTICLE SIZE [mm]	<1		
VELOCITY [m/s]	1.723	MATERIAL TEMP [°C]	120		
AMBIENT TEMPERATURE [°C]	min -18/max +45°C				
REQUIRED DRIVE DATA					
DRIVE SHAFT CAPACITY [kW]	9158				
SPEED OF ROTATION [rpm]	27.93				
TORQUE ON DRIVE SHAFT [kNm]	31.31				
DRIVE DATA					
2.1	AC-MOTOR	SPEED OF ROTATION [rpm]		14.90	
	STANDARD	IEC	SHAFT SIZE [ØxL mm]	80 x 170	
	TYPE AND SIZE	3FL	INSULATION	F/B	
	CAPACITY [kW]	160	TYPE OF PROTECTION	IP55	
	VOLTAGE [V]	400	STRUCTURAL FORM	B3	
	FREQUENCY [Hz]	50	WEIGHT [kg]	970	
2.2	SUPPLIER	AUMUND			
	BEVEL-HELICAL GEAR UNIT	FLENDER	WITH FAN	yes	
	OUTPUT SHAFT DESIGN	Hollow Shaft	WITH BACKSTOP	yes	
	GEARBOX SIZE	B30H12	OIL QUANTITY [l]	72	
	NOM. POWER RATING [kW]	236	INPUT SHAFT [ØxL mm]	70 x 105	
	NOM. RATIO	50	OUTPUT SHAFT [ØxL mm]	185 x 64.9	
	DESIGN	B	SENSE OF ROTATION	left	
	SUPPLIER	AUMUND	OPERATING WEIGHT [kg]	2295	
	AUXILIARY GEAR UNIT for empty buckets		OVERRUNNING CLUTCH	yes	
	GEARBOX TYPE AND SIZE	K2 88	SPEED MONITOR	yes	
2.5	MOTOR TYPE AND SIZE	M100L8-W	OIL QUANTITY [l]	7.7	
	POWER [kW]	3	OPERATING WEIGHT [kg]	99	
	SUPPLIER	AUMUND			
	TURBO COUPLING	FLENDER	BORE INPUT SIDE [ØxL mm]	80 x 170	
	TYPE AND SIZE	FLUDEK-FAD 516	BORE OUTPUT SIDE [ØxL mm]	70 x 125	
	SUPPLIER	AUMUND			
	OPERATING WEIGHT [kg]			126	
	CONTROL EQUIPMENT				
	5.1	LEVEL LIMIT SWITCH IN THE BUCKET ELEVATOR BOOT			
		TYPE	AD311(C) MEPA / FLSA1		
5.2	VOLTAGE			115 - 230 V AC / 24 - 250 V DC	
	PROXIMITY SWITCH MOVEMENT DETECTOR				
5.3	TYPE			NJS-18-GK-N-150 (Pepperl & Fuchs)	
	VOLTAGE			8 V DC Namur (MS24-112R20-250UC)	
5.4	SPEED MONITOR INSTALLED IN THE MOTION CONTROL CENTRE				
	TYPE			MS24-112R20-250UC (Turck)	
5.4	VOLTAGE			20 - 250 V AC / DC	
	PROXIMITY SWITCH FOR STRAIGHT-RUN CONTROL OF BELT				
2.11	TYPE			NCB15-UI-L (Pepperl & Fuchs)	
	VOLTAGE			20 - 253 V AC / 20 - 300 V DC	
2.12	NON-CONTACTING THERMAL SWITCH UNIT				
	TYPE			M18x15 / BIM-G18-Y1/S926 (Turck / Flender EDC)	
2.12	VOLTAGE			8 V DC Namur (EWD)	
	EVALUATOR INSTALLED IN THE CONTROL ROOM				
2.13	TYPE			EWD/20-250VUC (Turck / Flender EDC)	
	VOLTAGE			20 - 250 V AC / DC	
2.14	SPEED INDICATOR IN THE AUXILIARY DRIVE UNIT				
	TYPE			B5-G18-Y11 (Turck / Flender EWD)	
2.14	VOLTAGE			8 V DC Namur (EWD)	
	SPEED MONITOR FOR AUXILIARY DRIVE INSTALLED IN THE MOTION CONTROL CENTRE				
2.14	TYPE			EWD/20-250VUC (Turck / Flender EWD)	
	VOLTAGE			20 - 250 V AC / DC	

PRELIMINARY  
DATED 18<sup>th</sup> February 2005  
Sig. Dieter Marzola

FLS FOR SHAHROUD  
CEMENT COMPANY IRAN  
Your Project No. 02-1/146992/572  
Item No. BE - 04  
AUMUND Project No. 42658



AUMUND DRAWING No. 3005 6576 "INDEX A"

A		Überarbeitung gemäß Beschreibung v. 11.02.05			15.02.2005 MARZOLA	
Ausgabe	Prüfung	Änderungs-Nr.	Änderung	Datum	Name	
CAD - Zeichnung, Änderung nur im CAD - System zulässig!						
Schulzsystem nach DIN 18 104 Teil 2		Anfertigungsnummer		Angebotnummer:		
1:10, 1:25, 1:200		112060		30056576		
Gurtbecherwerk		Blatt-Nr. 1		Zeichnungs-Nr.		
Belt Bucket Elevator BW-G 800/320/4		Blatt-Nr. 1		30056576		
Index		A		A		
gezeichnet		geprüft		erstellt		Etc. durch
01.02.2005		18.02.2005		18.02.2005		18.02.2005
Name		MARZOLA		MARZOLA		DATEI
Datei		MARZOLA		MARZOLA		DATEI