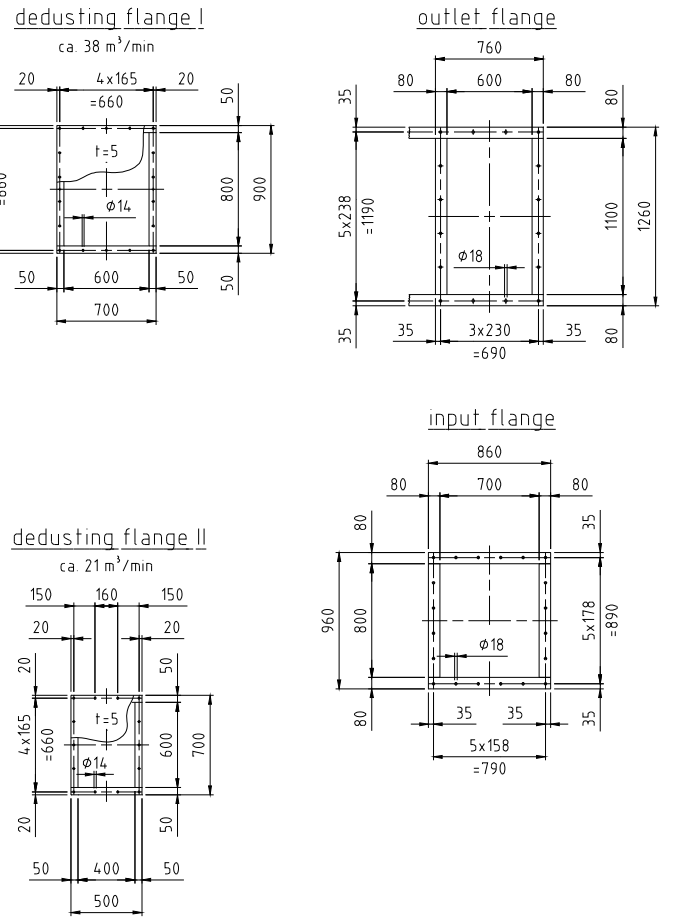


TECHNICAL DATA		
PROJECT NO	42658	ITEM NO
BELT BUCKET ELEVATOR SIZE	BW-G 800/320	BUCKET SPACING [mm]
DRIVE DRUM Ø [mm]	1025	FILLING RATE [%]
CENTRE DISTANCE [mm]	104500	MATERIAL
BELT QUALITY	H 20 (+130°C)	BULK DENSITY [t/m³]
CONVEYING CAPACITY [t/h]	300	PARTICLE SIZE [mm]
VELOCITY [m/s]	1.723	MATERIAL TEMP [°C]
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		
AC-MOTOR		SPEED OF ROTATION [rpm]
STANDARD	IEC	SHAFT SIZE [ØxL mm]
TYPE AND SIZE	3FL	INSULATION
CAPACITY [kW]	160	TYPE OF PROTECTION
VOLTAGE [V]	400	STRUCTURAL FORM
FREQUENCY [Hz]	50	WEIGHT [kg]
SUPPLIER	AUMUND	
BEVEL-HELICAL GEAR UNIT	FLENDER	WITH FAN
OUTPUT SHAFT DESIGN	Hollow Shaft	WITH BACKSTOP
GEARBOX SIZE	B30H12	OIL QUANTITY [l]
NOM. POWER RATING [kW]	236	INPUT SHAFT [ØxL mm]
NOM. RATIO	50	OUTPUT SHAFT [ØxL mm]
DESIGN	B	SENSE OF ROTATION
SUPPLIER	AUMUND	OPERATING WEIGHT [kg]
AUXILIARY GEAR UNIT for empty buckets		OVERRUNNING CLUTCH
GEARBOX TYPE AND SIZE	KZ 88	SPEED MONITOR
MOTOR TYPE AND SIZE	M100L84-W	OIL QUANTITY [l]
POWER [kW]	3	OPERATING WEIGHT [kg]
SUPPLIER	AUMUND	
TURBO COUPLING	FLENDER	BORE INPUT SIDE [ØxL mm]
TYPE AND SIZE	FLUXEX-FAD 516	BORE OUTPUT SIDE [ØxL mm]
SUPPLIER	AUMUND	OPERATING WEIGHT [kg]
CONTROL EQUIPMENT		
LEVEL LIMIT SWITCH IN THE BUCKET ELEVATOR BOOT		
TYPE	AD311(C) MEPA / FLSAL	
VOLTAGE	115 - 230 V AC / 24 - 250 V DC	
PROXIMITY SWITCH MOVEMENT DETECTOR		
TYPE	NJS-18-GK-N-150 (Pepperl & Fuchs)	
VOLTAGE	8 V DC Namur (MS24-112R20-250UC)	
SPEED MONITOR INSTALLED IN THE MOTION CONTROL CENTRE		
TYPE	MS24-112R20-250UC (Turck)	
VOLTAGE	20 - 250 V AC / DC	
PROXIMITY SWITCH FOR STRAIGHT-RUN CONTROL OF BELT		
TYPE	NCB15-111-L1 (Pepperl & Fuchs)	
VOLTAGE	20 - 253 V AC / 20 - 300 V DC	
NON-CONTACTING THERMAL SWITCH UNIT		
TYPE	M18x15 / BIM-G18-Y1/S926 (Turck / Flender EDC)	
VOLTAGE	8 V DC Namur (EWD)	
EVALUATOR INSTALLED IN THE CONTROL ROOM		
TYPE	EW0/20-250VUC (Turck / Flender EDC)	
VOLTAGE	20 - 250 V AC / DC	
SPEED INDICATOR IN THE AUXILIARY DRIVE UNIT		
TYPE	B5-G18-Y11 (Turck / Flender EWD)	
VOLTAGE	8 V DC Namur (EWD)	
SPEED MONITOR FOR AUXILIARY DRIVE INSTALLED IN THE MOTION CONTROL CENTRE		
TYPE	EW0/20-250VUC (Turck / Flender EWD)	
VOLTAGE	20 - 250 V AC / DC	

PRELIMINARY
DATED 18th 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

طول کلی الواتور 85 متر می باشد



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 1		Auftragsnummer		Zeichnungs-Nr.	
110, 125, 1200		112060		30056576	
Gurtbecherwerk		Blatt-Nr. 1		A	
Belt Bucket Elevator BW-G 800/320/4		Blatt-Ausg. 1			
gezeichnet		geprüft		Ers. durch	
01.02.2005		18.02.2005		Ers. für	
MARZOLA		MARZOLA		Ers. von	

