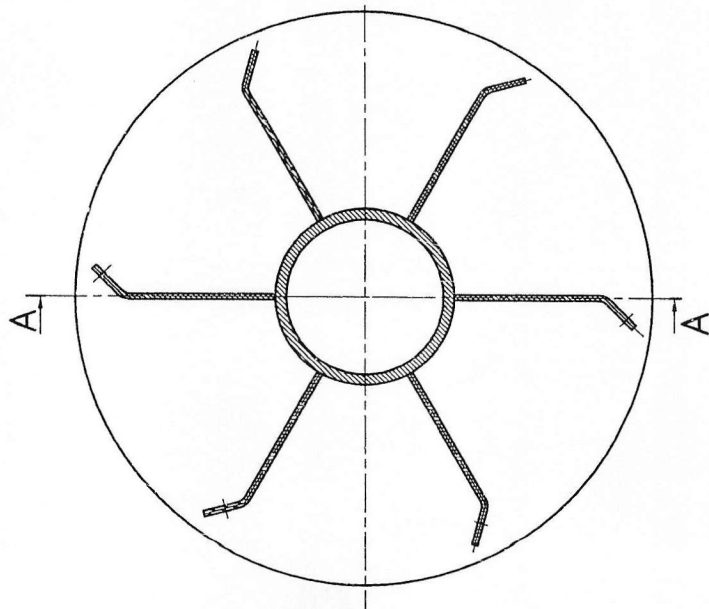
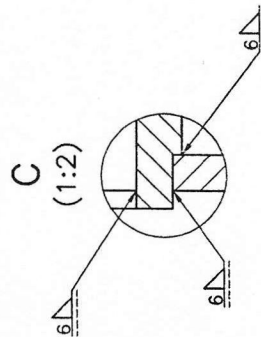


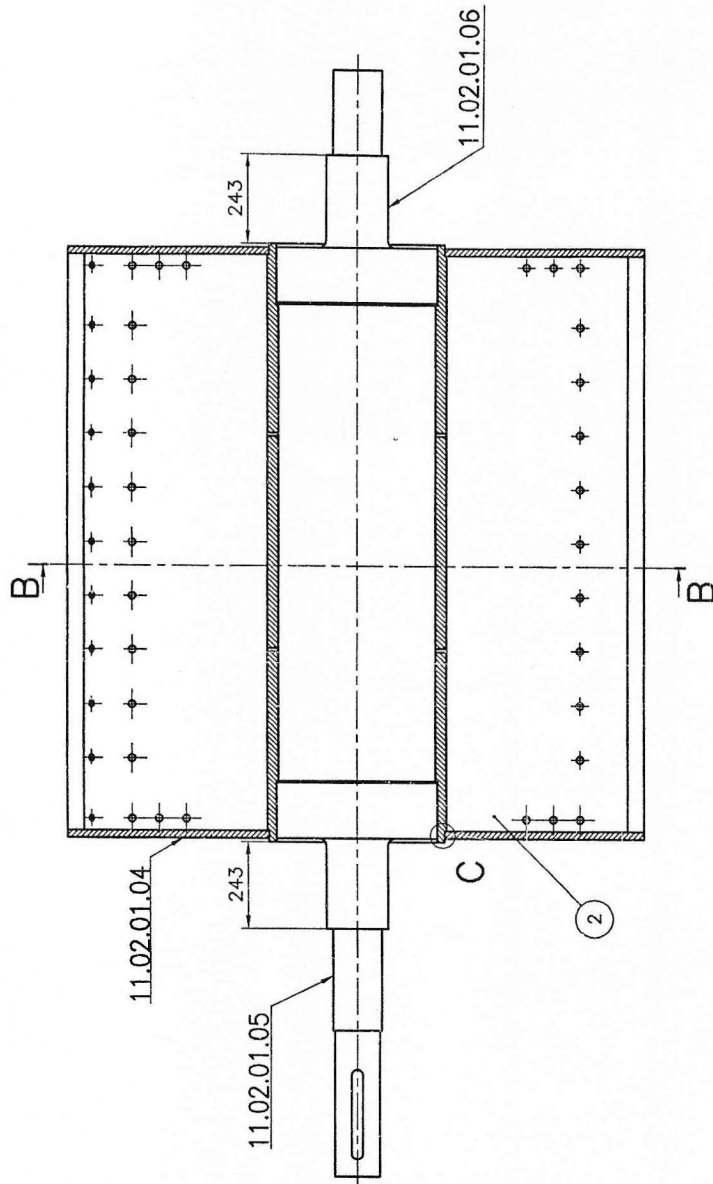


Technical drawing of a cross-section of a mechanical part. The drawing shows a central shaft with a central hole. Two side flanges are attached to the shaft. The drawing includes dimension lines and a scale bar.



② Shown in pos. LU/LD

① For position see order.

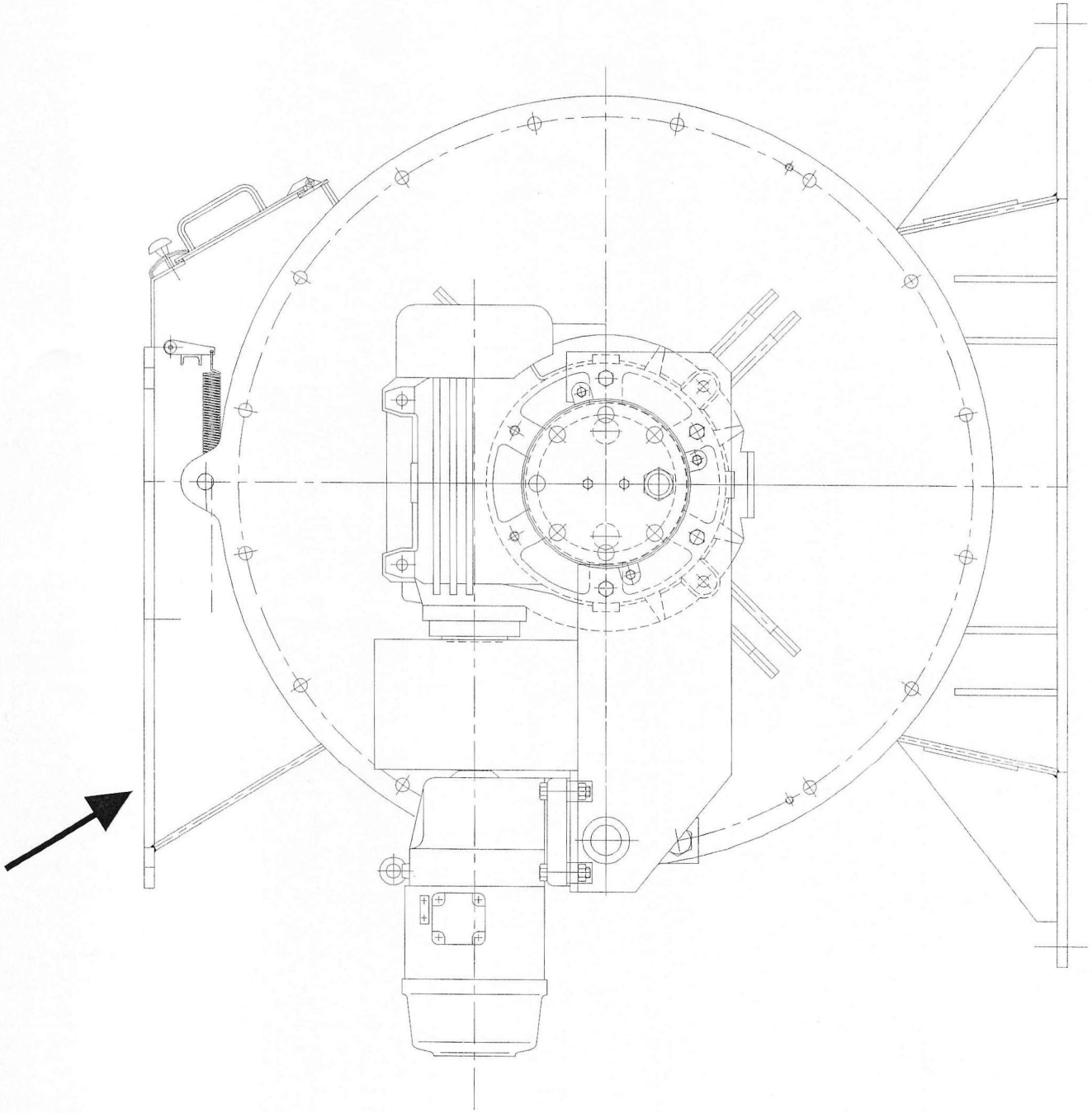


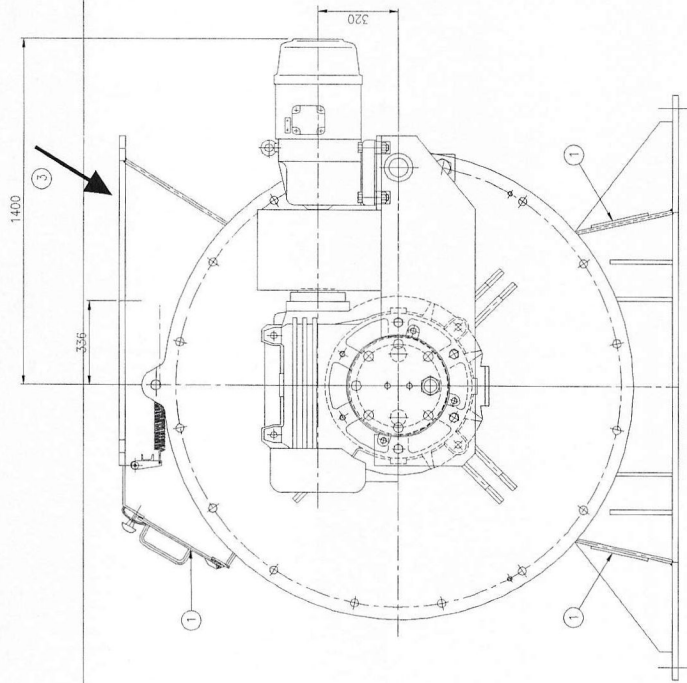
FLS MICRO week: 9501

[illegible]

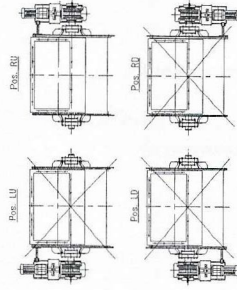
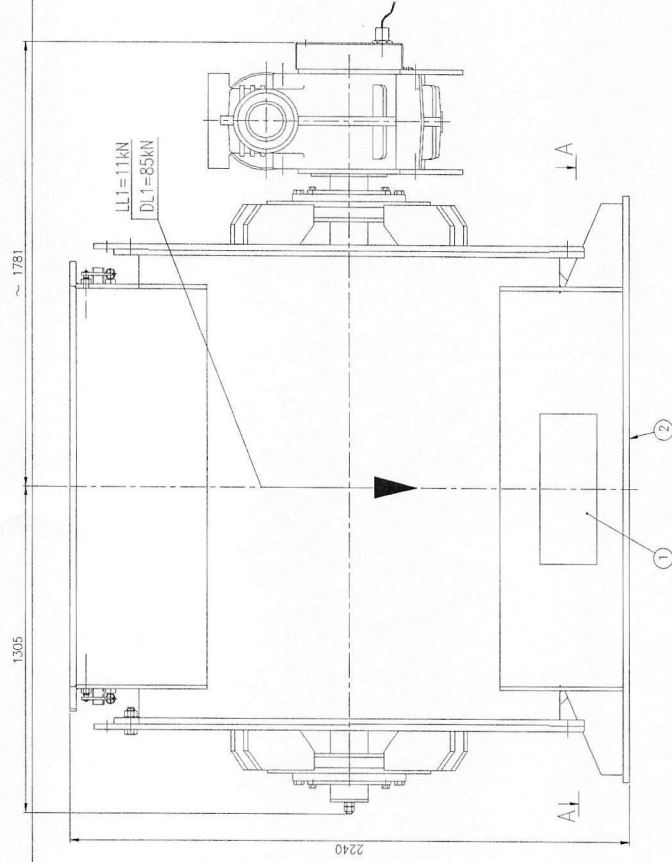
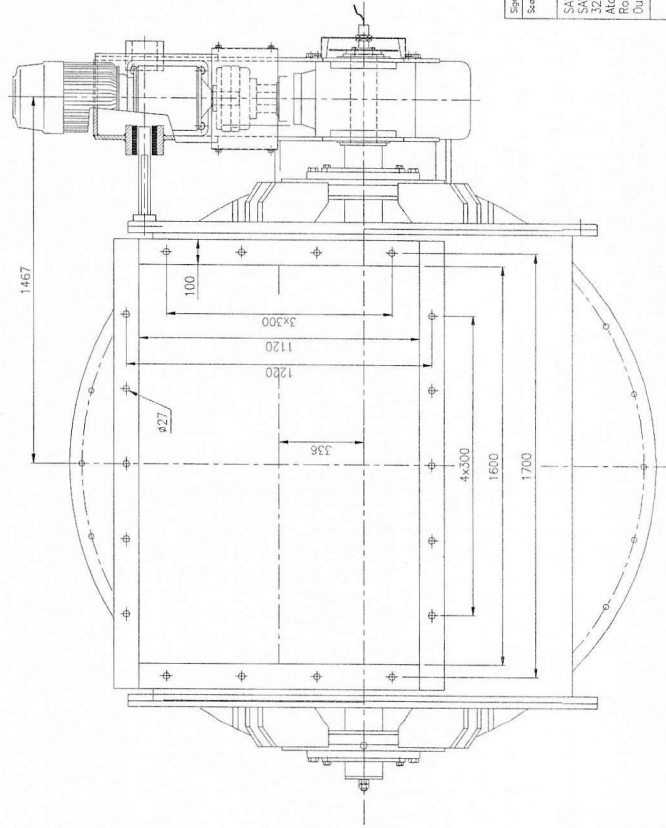
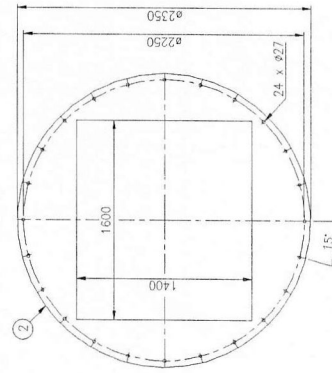
دید از سمت موتور و گیربکس

DRAWING 10018943-1





A-A
(1:20)



- ③ Feed direction.
- ② Flange.
- ① Inspection door.

Signature	GP	GP	PCJ	W. Mar. of	Zone/Dept.	PCJ
Scale	1:10	Drawn	Chid	Appr.	Date	PC
SAREH WHITE CEMENT CO. SAREH GREY 2x3600 TPD 321 Row Mill Department Acox Mill 45 Factory sales at 1600 Outline and Load Drawing						
No: 10018943 Rev: 2.0						

For more information contact F.L. Smidth

PROPERTIES:

Carbon steel in hot rolled and normalised or similar condition: shape, plate, tube, bar and forging of structural quality in the killed condition.

STANDARDS:**General requirements:**

When reference to this MAT NO appears on FLS Drawing or FLS Parts List or in FLS Purchase Order the data from the Primary Standard is used as acceptance criteria.

Specific deviations in requirements made in the FLS Parts List, the FLS Purchase Order or a FLS Instruction always overrules this data sheet.

Alternatively accepted International Standards listed in this sheet may be used if the suppliers documentation covers at least the documentation required in the Primary Listed Standard. This means that supplementary tests in some cases will be necessary.

Primary Standard:**EN 10025 (1993) , MATERIAL: S 235 JRG 2 FN , MATERIAL No.: 1.0038**

Hot rolled products of non-alloyed structural steels - technical delivery conditions

CHEMICAL COMPOSITION:

Dim, mm	% C max or range	% Si max or range	% Mn max or range	% P max or range	% S max or range	% N max or range	% Al min or range
0-16	0.17	-	1.4	0.045	0.045	0.009	-
16-40	0.17	-	1.4	0.045	0.045	0.009	-
40-	0.20	-	1.4	0.045	0.045	0.009	-

MECHANICAL PROPERTIES AT ROOM TEMPERATURE:

Condi- tion	Dim, mm	Tensile Strength MPa	Yield Strength MPa	Elong. %	Area Reduction		M.Elas GPa	Hardness			Imp. Energy KV, min	
		Rm	Re	A5	Z	Z _⊥	E	HRc	HB	HV	°C	J
	0-3	360 - 510	235 -	21 -	-	-	206	-	-	-	20	27
	3-16	340 - 470	235 -	26 -	-	-	206	-	-	-	20	27
	16 - 40	340 - 470	225 -	26 -	-	-	206	-	-	-	20	27
	40 - 63	340 - 470	215 -	25 -	-	-	206	-	-	-	20	27
	63 - 100	340 - 470	215 -	24 -	-	-	206	-	-	-	20	27
	100 - 150	340 - 470	195 -	22 -	-	-	206	-	-	-	20	27
	150 - 200	320 - 470	185 -	21 -	-	-	206	-	-	-	20	23
	200 - 250	320 - 470	175 -	21 -	-	-	206	-	-	-	20	23

For more information contact F.L. Smidth

PROPERTIES:

Carbon steel hot rolled shapes, plates, tubes, bars and forgings of structural quality in the killed condition.

STANDARDS:**General requirements:**

When reference to this MAT NO appears on FLS Drawing or FLS Parts List or in FLS Purchase Order the data from the Primary Standard is used as acceptance criteria.

Specific deviations in requirements made in the FLS Parts List, the FLS Purchase Order or a FLS Instruction always overrules this data sheet.

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Primary Standard:

EN 10025 (1993) , MATERIAL: E 295 FN , MATERIAL No.: 1.0050

Hot rolled products of non-alloyed structural steels - technical delivery conditions

CHEMICAL COMPOSITION:

Dim, mm	% C max or range	% Si max or range	% Mn max or range	% P max or range	% S max or range	% N max or range	% Al min or range
	-	-	-	0.045	0.045	0.009	-

MECHANICAL PROPERTIES AT ROOM TEMPERATURE:

Condi- tion	Dim, mm	Tensile Strength MPa	Yield Strength MPa	Elong. %	Area Reduction		M.Elas GPa	Hardness			Imp. Energy KV, min	
		Rm	Re	A5	Z	Z _⊥	E	HRc	HB	HV	°C	J
	3-16	470 - 610	295 -	20 -	-	-	210	-	-	-		
	16-40	470 - 610	285 -	20 -	-	-	210	-	-	-		
	40-63	470 - 610	275 -	19 -	-	-	210	-	-	-		
	63-80	470 - 610	265 -	18 -	-	-	210	-	-	-		
	80-100	470 - 610	255 -	18 -	-	-	210	-	-	-		
	100-150	450 - 610	245 -	16 -	-	-	210	-	-	-		
	150-200	440 - 610	235 -	15 -	-	-	210	-	-	-		
	200-250	440 - 610	225 -	15 -	-	-	210	-	-	-		

For more information contact F.L. Smidth

PROPERTIES:

Carbon steel hot rolled shapes, plates, tubes, bars and forgings.

Although this material does not belong to the category "Heat treatable steels" it can be hardened by quenching and tempering.

Uniform hardness across the entire cross section can only be obtained for small dimensions up to approx. 40 mm.

STANDARDS:

General requirements:

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Primary Standard:

EN 10025 (1993) , MATERIAL: E 335 FN , MATERIAL No.: 1.0060

Hot rolled products of non-alloyed structural steels - technical delivery conditions

CHEMICAL COMPOSITION:

Dim, mm	% C max or range	% Si max or range	% Mn max or range	% P max or range	% S max or range	% N max or range	% Al min or range
		-	-	0.045	0.045	0.009	-

expected Carbon level > 0,4 %

MECHANICAL PROPERTIES AT ROOM TEMPERATURE:

Condition	Dim, mm	Tensile Strength MPa	Yield Strength MPa	Elong. %	Area Reduction		M.Elas GPa	Hardness			Imp. Energy KV, min	
		Rm	Re	A5	Z	Z _⊥	E	HRc	HB	HV	°C	J
N	0-1	590 - 770	335 -	8 -	-	-	-	-	-	-	-	-
N	1-1.5	590 - 770	335 -	9 -	-	-	-	-	-	-	-	-
N	1.5-2	590 - 770	335 -	10 -	-	-	-	-	-	-	-	-
N	2-2.5	590 - 770	335 -	11 -	-	-	-	-	-	-	-	-
N	2.5-3	590 - 770	335 -	12 -	-	-	-	-	-	-	-	-
N	3-10	570 - 710	335 -	16 -	-	-	-	-	-	-	-	-
N	10-16	570 - 710	335 -	16 -	-	-	-	-	175 - 210	-	-	-
N	16-40	570 - 710	325 -	16 -	-	-	-	-	-	-	-	-
N	40-63	570 - 710	315 -	15 -	-	-	-	-	-	-	-	-
N	63-80	570 - 710	305 -	14 -	-	-	-	-	-	-	-	-
N	80-100	570 - 710	295 -	14 -	-	-	-	-	-	-	-	-
N	100-150	550 - 710	275 -	12 -	-	-	-	-	-	-	-	-
N	150-200	540 - 710	265 -	11 -	-	-	-	-	-	-	-	-
N	200-250	540 - 710	255 -	11 -	-	-	-	-	-	-	-	-

Hardness in the hot rolled and normalized condition: HB = 175 - 210.

Hardness in HEAT TREATED CONDITION, depending on tempering temperature: HB = 350 - 550.

Rev_No: 0,6
Issue_Date: 01-06-1998
Rev_Date: 31-01-2002

Prepared by: AsK
Approved by: **ESJ**

Page 1 of 3

For more information contact F.L. Smidth

PROPERTIES:

Bright steel hot rolled bars, which have been FINISHED BY COLD DRAWING.

STANDARDS:
General requirements:

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Primary Standard:

EN 10277-1/2 (1999) , MATERIAL: S 235JRG2 +C , MATERIAL No.: 1.0122

Bright steel products. General description - Technical delivery conditions

CHEMICAL COMPOSITION:

Dim, mm	% C max or range	% Si max or range	% Mn max or range	% P max or range	% S max or range	% N max or range	% Al min or range
	0.17	*	1.4	0.045	0.045	0.009	-

* Method of deoxidation is optimal

MECHANICAL PROPERTIES AT ROOM TEMPERATURE:

Condi- tion	Dim, mm	Tensile Strength MPa	Yield Strength MPa	Elong. %	Area Reduction		M.Elas GPa	Hardness			Imp. Energy KV, min	
		Rm	Re	A5	Z	Z _⊥	E	HRc	HB	HV	°C	J
C	0-5	470 - 840	355 -	8 -	-	-	-	-	-	-	-	-
C	5-10	470 - 840	355 -	8 -	-	-	-	-	-	-	-	-
C	10-16	420 - 710	300 -	9 -	-	-	-	-	-	-	-	-
C	16-40	390 - 690	260 -	10 -	-	-	-	-	-	-	-	-
C	40-63	380 - 630	235 -	11 -	-	-	-	-	-	-	-	-
C	63-100	340 - 600	215 -	11 -	-	-	-	-	-	-	-	-

C: Cold drawn, not heat treated.

For more information contact F.L. Smidth

PROPERTIES:

Bright steel hot rolled bars, which have been finished by COLD DRAWING.

Required dimensional tolerance: ISO h 9 (DIN 669 and 671, or Purchase Parts Table Handbook 5600).

Hexagonal steel finished by COLD DRAWING.

Dimensional tolerance: ISO h 11 (DIN 176 or Purchase Parts Table Handbook B page 5640).

NOTICE THAT THIS IS THE COLD DRAWN QUALITY OF THE OLD MAT 142.

THE CORRESPONDING MACHINED QUALITY WITH SAME CHEMICAL COMPOSITION BUT WITH MECHANICAL PROPERTIES HAS MAT No. 2012.

STANDARDS:**General requirements:**

When reference to this MAT NO appears on FLS Drawing or FLS Parts List or in FLS Purchase Order the data from the Primary Standard is used as acceptance criteria.

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Primary Standard:**EN 10277-1/2 (1999) , MATERIAL: C50 , MATERIAL No.: 1.0540**

Bright steel products. General description - Technical delivery conditions

CHEMICAL COMPOSITION:

Dim, mm	% C max or range	% Si max or range	% Mn max or range	% P max or range	% S max or range	% N max or range	% Al min or range
	0.47-0.52	0.40	0.6-0.9	0.045	0.045	-	-

%Cr+%Mo+%Ni = 0.63

Dim, mm	% Cr max or range	% Mo max or range	% Ni max or range	% V max or range	% Nb max or range	% Ti max or range	% Cu max or range	% Other max or range
	0.4	0.1	0.4					

MECHANICAL PROPERTIES AT ROOM TEMPERATURE:

Condi- tion	Dim, mm	Tensile Strength MPa	Yield Strength MPa	Elong. %	Area Reduction		M.Elas GPa	Hardness			Imp. Energy KV, min	
		Rm	Re	A5	Z	Z _⊥	E	HRc	HB	HV	°C	J
C	0-5	770 - 1100	590 -	5 -	-	-		-	-	-		
C	5-10	770 - 1100	590 -	5 -	-	-		-	-	-		
C	10-16	730 - 1080	520 -	6 -	-	-		-	-	-		
C	16-40	690 - 1050	440 -	7 -	-	-		-	-	-		
C	40-63	650 - 1030	390 -	8 -	-	-		-	-	-		
C	63-100	-	-	-	-	-		-	-	-		

C: Cold Drawn. Not heat treated.

For more information contact F.L. Smidth

PROPERTIES:

Cu, Sn, Zn and Pb alloy for sand casting.

STANDARDS:
General requirements:

When reference to this MAT NO appears on FLS Drawing or FLS Parts List or in FLS Purchase Order the data from the Primary Standard is used as acceptance criteria.

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Primary Standard:

EN 1982 (1998) , MATERIAL: CuSn5Zn5Pb5-B , MATERIAL No.: CB 491K

Copper and copper alloys - Ingots and Castings

CHEMICAL COMPOSITION:

Dim, mm	% C max or range	% Si max or range	% Mn max or range	% P max or range	% S max or range	% N max or range	% Al min or range
	-	0.01	-	0.03	0.08	-	0.01

Dim, mm	% Cr max or range	% Mo max or range	% Ni max or range	% V max or range	% Nb max or range	% Ti max or range	% Cu max or range	% Other max or range
			2.0				83.0-86.5	Sn 4.2-6.0

Zn 4.5-6.5 wt%; Pb 4.2-5.8 wt%; Fe 0.25 %max; Sb 0.25 %max.

MECHANICAL PROPERTIES AT ROOM TEMPERATURE:

Condi- tion	Dim, mm	Tensile Strength MPa	Yield Strength MPa	Elong. %	Area Reduction		M.Elas GPa	Hardness			Imp. Energy KV, min	
		Rm	Re	A5	Z	Z _⊥	E	HRc	HB	HV	°C	J
sand cast; G		200 -	90 -	13 -	-	-		-	60 -	-		

For more information contact F.L. Smidth

PROPERTIES:

Quenched and tempered wear resistant steel. The special hardening causes a good abrasion resistance in combination with impact and/or good bending properties. HB = 500.

STANDARDS:
General requirements:

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Primary Standard:

Material no None () , **MATERIAL:** . , **MATERIAL No.:** .

No International Standard Available

The chemical composition has been taken from the catalog(s):

Company: Swedish Steel

Material: Hardox 500

Title: □ □ □ □ □ □ □ □

CHEMICAL COMPOSITION:

Dim, mm	% C max or range	% Si max or range	% Mn max or range	% P max or range	% S max or range	% N max or range	% Al min or range
	0.3	0.1-0.7	1.7	0.025	0.01	-	-

Dim, mm	% Cr max or range	% Mo max or range	% Ni max or range	% V max or range	% Nb max or range	% Ti max or range	% Cu max or range	% Other max or range
	0.8	0.8	-	-	-	-	-	

B: max 0.005%, fine grained steel

MECHANICAL PROPERTIES AT ROOM TEMPERATURE:

Condi- tion	Dim, mm	Tensile Strength MPa	Yield Strength MPa	Elong. %	Area Reduction		M.Elas GPa	Hardness			Imp. Energy KV, min	
		Rm	Re	A5	Z	Z _⊥	E	HRc	HB	HV	°C	J
		1550 -	1300 -	8 -	-	-		-	450 - 560	-	-10	20

Room temperature hardness decreases after long time exposure at temperatures above 250 °C. For more information contact RDL-Metallurgy.

Rev_No: 0,8 Issue_Date: 01-06-1998
Rev_Date: 19-03-2003

Prepared by: AsK
Approved by: ESJ

Atox mill Rotary sluice ø1600		Parts List No.		50004584	Sheet No.	
		MGN Code/ Id		EE	11.02.01	
Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)		Mat	Total Kg
Assembly drawing x)		1.234306	Pos. LU			
Assembly drawing		2.165614	Pos. LU			
Assembly drawing		2.158724				
Bucket wheel	1	2.158719			110	1768
Shaft for bucket wheel	1	3.132391			132	309
Shaft for bucket wheel	1	3.132392			132	263
Sealing plate	6	3.129736			117	120
Screw	66		0343.M16x50			2
Nut	66		0110.M16			1
Washer	66		0701.M16			0
Housing	1	2.229789			1100	2243
Liner	1	1.088678			115	882
Screw	2		0223.M24x75			1
Nut	2		0110.M24			0
Side cover	2	1.130905			110	1510
Screw	32		0223.M30x110			32
Nut	32		0110.M30			8
Screw	8		0223.M24x140			
Nut	8		0110.M24			
x)Line 01:Roller bearings to be half filled with grease during assembly.(FLS BG-U)			Date		Sign.	
			24-feb-2004		NiSm	7139
			Rev. Line.	Week.	Sign.	

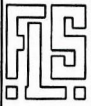
Atox mill Rotary sluice ø1600		Parts List No. 50004584 EE				Sheet No. 11.02.02	
		MGN Code/ Id					
Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)		Mat	Total Kg	
Torque support	1	3.134413			x)	12	
Screw	2		0223.M30x80			1	
Nut	2		0110.M30			0	
Nut	2		M150x2 SKF KM 30			4	
Bearing house	2	2.164289			110	260	
Lock washer	2		M150x2 SKF MB 30			0	
Bearing cover	4	2.164290			110	40	
Screw	16		0303.M16x25			5	
Adapter sleeve	2		SKF H 3130			10	
Spherical roller bearing	2		x)			14	
Felt strip	2		x)			0	
Guide ring	2	4.100527			110	4	
Stop plate	1	4.100531			110	8	
Bushing	1	4.100529			132	3	
Key	1	7.000030	.32x250			0	
Grup screw	2		0515.M10x16			0	
Bushing	1	4.100528			110	8	
Spanner	1		SKF 718909			1	
Screw plug	1	7.000172	.3/8 DIN 910		142	0	
Screw	2		0223.M8x30				
Lubricating nipple	2	7.000110	.1/8				
x)Line			Date		Sign.		
01: See drawing.			24-feb-2004		NiSm		370
10: 22230 CCK/W33 SKF or 22230 EAS.M FAG.							
11: FS 680 SKF or FAG.							
			Rev. Line.		Week.		Sign.

Atox mill Rotary sluice ø1600				Parts List No. 50004584 Sheet No. 11.02.03 MGN Code/ Id EE	
Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)	Mat	Total Kg
01 Assembly drawing		2.132831			
02					
03 Inspection door	1	2.132821		x)	29
04					
05 Handle	2	7.000170	.16x3	130	1
06					
07 Hinge	3	4.084698		110	0
08 Clevis pin	3	7.000078	.10x38	140	0
09 Split pin	6		0840.3,2x20		0
10					
11 Serrated nut	3	7.000115	.63	405	1
12 Screw	3		0223.M12x60		0
13 Clamping bow	3	7.000404	.10	110	1
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
x)Line			Date	Sign.	
03: See drawing			24-feb-2004	NiSm	32
Rev.			Line.	Week.	Sign.

Atox mill Rotary sluice ø1600				Parts List No. 50004584 Sheet No. 11.02.04 MGN Code/ Id EE	
Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)	Mat	Total Kg
01 Rubber seal	6	2.158728		x)	120
02 Bracket	12	3.129722		110	78
03 Retainer iron	162	4.087092		110	12
04 Bracket	6	3.129764		110	36
05 Screw	162		x)		7
06 Retainer Iron	24	4.092991		110	24
07 Retainer Iron	12	3.129739		110	108
08 Screw	90		0223.M16x80		
09 Nut	90		0113.M16		
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
x)Line 01: See drawing. 05: Taptite M6 SF-TT M6x20			Date 24-feb-2004	Sign. NiSm	385
Rev. Line.			Week.	Sign.	

Atox mill Rotary sluice ø1600 Baffle plate			Parts List No.		50004584	Sheet No.		
			MGN Code/ Id		EE	11.02.05		
	Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)		Mat	Total Kg	
01	Assembly drawing		1.098130					
02								
03	Plate	1	2.148369			110	51	
04	Rubber plate	1	3.119428			x)	4	
05	Screw	22		0110.M8x40			1	
06	Nut	22		0110.M8			0	
07	Washer	22		0701.M8			0	
08	Bolt	2	3.119429			132	1	
09	Washer	2	4.087093			110	0	
10	Screw	2		0220.M6x16			0	
11	Circlip	2		U20x1.20 DIN471			0	
12	Support washer	2		SS20x28x2			0	
13	Arm f. tension spring	2	3.119404			110	1	
14	Shaft f. tension spring	2	4.087095			110	2	
15	Tension spring	2	7.000137	.40x4x212x36			1	
16	Stop block	2	4.087094			110	0	
17								
18								
19								
20								
21								
22								
23								
x)Line 4: See drawing.					Date		Sign.	
					24-feb-2004		NiSm	61
					Rev.	Line.	Week.	Sign.

Atox mill Rotary sluice ø1600				Parts List No. 50004584		Sheet No. 11.02.06		
				MGN Code/ Id		EE		
	Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)	Mat	Total Kg		
01	Assembly drawing		3.124644					
02								
03								
04	Door	2	2.151272		110	38		
05	Hinge	16	4.092905		110	4		
06	Clevis pin	4	7.000141	.16x63	132	2		
07	Washer	4	7.000079	.16	130	0		
08	Split pin	4		0840.4x25		0		
09	Washer	16	4.029650	.D=32, d=17, t=5	100	2		
10	Washer	16	4.029650	.D=32, d=17, t=3	100	0		
11								
12	Clevis pin	4	7.000078	.16x75	132	2		
13	Washer	8	7.000079	.16	130	0		
14	Split pin	8		0840.4x25		0		
15								
16	Eye bolt	4	7.000122	.M16x80	130	2		
17	Washer	4		0700.M16		0		
18	Nut	4		0100.M16				
19								
20	Packing	2		30x3x1520	x)	4		
21								
22								
23								
x)Line 20: Braided glass cord or similar, heat-resistant at 200 C. To be glued.				Date		Sign.		
				24-feb-2004		NiSm		54
Rev.		Line.		Week.		Sign.		

Atox mill Rotary sluice ø1600				Parts List No. 50004584 EE		Sheet No. 11.02.07	
		MGN Code/ Id					
	Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)	Mat	Total Kg	
01	Assembly drawing		2.205565				
02							
03							
04	Rotary coupling	1		1115-000-205 Deublin x)		1	
05							
06	Male stud coupling	1		GE 12-PL/ 3/8 NPT x)		0	
07	Pipe	1	4.204033			5	
08	Male stud coupling	1		GE 12-PL/ R 1/4 x)		0	
09							
10	Solenoid valve	1		131T21 Lucifer x)		0	
11	Silencer plug	1		PSR 14 x)		0	
12							
13	Bracket	1	4.100538		110	1	
14	Clamp	1		RAP2-112 x)		0	
15							
16							
17							
18							
19							
20							
21							
22							
23							
x) Line				Date	Sign.		
4: Erik Christensen Handels og Ingeniørfirma				24-feb-2004	NiSm	7	
6,8,14: Ermeto							
10: Granzow A/S : Housing 48270.							
Coil 481000 220 V AC 50 Hz							
11: Granzow A/S							
Rev. Line.				Week.	Sign.		

Rotary sluice ø1600				Parts List No. 50004584		Sheet No. 11.02.08	
				EE			
		MGN Code/ Id					
	Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)	Mat	Total Kg	
01	Assembly drawing		2.205790				
02							
03							
04							
05	Gate	1	3.205832		1100	40	
06							
07							
08	Hinge	2	4.204028		1100	1	
09							
10							
11							
12	Screw	22		0223.M12x30		1	
13	Washer	22		0701.M12		0	
14							
15							
16	Screw	2		.ø16x40 ISO 7379	12,9	0	
17							
18							
19							
20							
21							
22							
23							
x) Line				Date	Sign.		
				24-feb-2004	NiSm	42	
Rev. Line.				Week.	Sign.		

Atox mill 37.5 Rotary sluice ø1600 Protection cover				Parts List No. 50004584 Sheet No. 11.02.09 MGN Code/ Id EE	
Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)	Mat	Total Kg
01 Assembly drawing		1.234459			
02					
03 Protection cover	1	1.234460		1100	35
04 Protection cover	1	1.234461		1100	49
05					
06 Distance piece	24	4.217287		1100	1.4
07 Screw	24		0220.M10x20		1
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
x)Line			Date	Sign.	
			24-feb-2004	NiSm	86
Rev.			Line.	Week.	Sign.

Sluice ø 1600 Material inlet Drive for sluice		Parts List No.		50004584	Sheet No.	
		MGN Code/ Id		EE	11.03.01	
Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)	Mat	Total Kg	
Assembly drawing		1.234308				
Console for geared motor	1	1.234311	Pos. LU	1100	320	
Guard for coupling	1	2.229827		1100	10	
Screw	4		0220.M10x20			
Spring washer	4		0720.M10			
Cover	1	2.155899		110	6	
Screw	2		0220.M16x20			
Spring washer	3		0720.M16			
Pulse disc	1	4.075714		100	1	
Geared motor			Z80-G160M4, Flender	x)		
Gear			CAVEX COA 280	x)		
Coupling			KW 85 Ringspann	x)		
Bore, motor side		7.000033	.50 H7			
Bore, gear side		7.000033	.70 H7			
Screw	4		0220.M8x20			
Nut	4		0100.M8			
Proximity switch				x)		
x)Line			Date	Sign.		
14: i=5.76, P=11 kW, n=253, (50Hz). Voltage, 3x380 V.			24-feb-2004	NiSm	337	
15: CAVEX COA 280, i=35						
14,15,16: To be ordered separately.						
23: For speed monitor BE-C30.						
To be purchased by instrument dept.						
			Rev. Line.	Week.	Sign.	

Sluice ø1600 Material inlet Drive for sluice				Parts List No.	50004584	Sheet No.	11.03.02
				MGN Code/ Id	EE		
	Designation	No. Req	Drawing	Code Dimension Manufacturer (Pattern)	Mat	Total Kg	
01							
02	Screw	4		0200.M30x125		1	
03	Spring washer	4		0720.M30		0	
04	Nut	4		0200.M30		0	
05	Screw	2		0200.M12x35		0	
06	Spring washer	2		0720.M12		0	
07							
08							
09	Screw	4		0220.M16x95		1	
10	Nut	4		0100.M16		0	
11							
12	Rubber bush			ø45/ø75x90	x)	1	
13							
14							
15	Shim	4	7.000398	.310x75x1x18x260	100	1	
16	Shim	2	7.000398	.310x75x2x18x260	100	1	
17	Shim	2	7.000398	.310x75x2x18x260	100	1	
18							
19	Protection guard	1	3.226691		1100	8.5	
20	Screw	4		0220.M12x30			
21	Nut	4		0100.M12			
22	Bottom cover	1	3.226692		1100	2	
23							
x) Line 12: Megulastik 0118 093 (Carl Freudenberg/Simrit).				Date	Sign.		
				24-feb-2004	NiSm	17	
				Rev. Line.	Week.	Sign.	