

PART II - TECHNICAL SPECIFICATIONS: Ash and Gypsum Handling System Conveyor Pulleys

Item	Machine	Type	Drawing No.	Bearing				Shell					Shaft					Locking Element (Ømm)	Lagging (mm thk)		
				Number	Sleeves	Housing	Seals	Housing Centers Distance (mm)	Diameter (Ømm)	Face Width (mm)	Shell Thickness (mm)	End Disc Type	Material and Standard	Shaft Overall Length (mm)	Center (Ømm)	Locking Area (Ømm)	Bearing Area Ø (mm)			Drive Shaft (Ømm)	Material and Standard
1	AC-4, AC-5, AC-6, AC-6.1	Head/Tail Drive Pulley Ø1230mm (D1 Type 1)	HSAS-LDS-00ETK-M3430	SKF 23044 CCK/W33	SKF OH3044H	FAG BND3044	Taconite	1900	1206	1400	20	T	SS400 Carbon Steel JIS G3101	2347	250	240 h8	200 h8	180 h8	S45C Hot Rolled JIS G4051	Ringfeder RFN7015.0 240x305	Rubber Grade M, Diamond Groove, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
2	Discharge Boom	Head Drive Pulley Ø530mm (D2)	HSAS-LDS-00ETK-M3431	SKF 22222 EK	SKF H322	SKF SNL522	Taconite	1750	506	1400	20	T	SS400 Carbon Steel JIS G3102	2345	150	140 h8	100 h8	75 h6	S45C Hot Rolled JIS G4052	PL 140x90 AS	Rubber Grade M, Diamond Groove, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
3	AC-5, AC-7	Head/Bend Pulley Ø830mm (P1 Type 1)	HSAS-LDS-00ETK-M3432	SKF 23044 CCK/W33	SKF OH3044H	FAG BND3044	Taconite	1900	806	1400	20	T	SS400 Carbon Steel JIS G3103	2070	230	220 h8	200 h8	-	S45C Hot Rolled JIS G4053	PL 220x285 AS	Rubber Grade M, Herringbone, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
4	Belt Wagon	Tail Drive Pulley Ø530mm (D3)	HSAS-LDS-00ETK-M3433	SKF 22226 EK	SKF H3126	SKF SNL526	Taconite	1750	506	1400	20	T	SS400 Carbon Steel JIS G3104	2470	160	150 h8	115 h8	105 h6	S45C Hot Rolled JIS G4054	PL 150x200 AS	Rubber Grade M, Diamond Groove, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
5	AC-4, AC-6	Bend/Tail Pulley Ø630mm (P2 Type 1)	HSAS-LDS-00ETK-M3434	SKF 23034 CCK/W33	SKF H3034	FAG BND3034	Taconite	1800	606	1400	20	T	SS400 Carbon Steel JIS G3105	1940	170	160 h8	150 h8	-	S45C Hot Rolled JIS G4055	PL 160x210 AS	Rubber Grade M, Herringbone, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
6	AC-4, AC-5, AC-6	Snub Pulley Ø530mm (P3 Type 1)	HSAS-LDS-00ETK-M3435	SKF 23026 CCK/W33	SKF H3026	FAG BND3026	Taconite	1800	506	1400	20	T	SS400 Carbon Steel JIS G3106	1910	150	140 h8	115 h8	-	S45C Hot Rolled JIS G4056	PL 140x190 AS	Rubber Grade M, Herringbone, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
7	Discharge Boom, Belt Wagon	Head/Tail Pulley Ø530mm (P4)	HSAS-LDS-00ETK-M3436	SKF 22222 EK	SKF H322	SKF THDS2222	Taconite	1750	506	1400	20	T	SS400 Carbon Steel JIS G3107	1870	150	140 h8	100 h8	-	S45C Hot Rolled JIS G4057	PL 140x190 AS	Rubber Grade M, Herringbone, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
8	AC-5, AC-6, AC-7	Snub Roller Ø235mm (R1)	HSAS-LDS-00ETK-M3440	SKF 22220 EK	SKF H320	SKF SNL520	Taconite	1800	211	1400	20	T	SS400 Carbon Steel JIS G3107	1920	105	100 h8	90 h8	-	S45C Hot Rolled JIS G4057	PL 100x145 AS	Rubber Grade M, Herringbone, REMA TIP TOP REMAGRIP 70/CN, 12mm thk

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				Number	Sleeves	Housing	Seals	Housing Centers Distance (mm)	Diameter (Ømm)	Face Width (mm)	Shell Thickness (mm)	End Disc Type	Material and Standard	Shaft Overall Length (mm)	Center (Ømm)	Locking Area (Ømm)	Bearing Area Ø (mm)			Drive Shaft (Ømm)	Material and Standard
9	AC-7	Tail Drive Pulley Ø1230mm (D1 Type 2)	ACA1-LDS-00ETK-M-3003	SKF 23044 CCK/C3W33	SKF OH3044H	SKF SNL3044	Taconite	1900	1206	1400	20	T	SS400 Carbon Steel JIS G3101	3028	250	240 h8	200 h8	194 h12	S45C Hot Rolled JIS G4051	Ringfeder RFN7015.0 240x305	Rubber Grade M, Diamond Groove, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
10	AC-6.1	Head Pulley Ø830mm (P1 Type 2)	ACA1-LDS-00ETK-M-3004	SKF 23044 CCK/C3W33	SKF OH3044H	SKF SNL3044	Taconite	1900	806	1400	20	T	SS400 Carbon Steel JIS G3103	2375	230	220 h8	200 h8	180 h8	S45C Hot Rolled JIS G4053	Ringfeder RFN7012.0 220x285	Rubber Grade M, Herringbone, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
11	AC-6.1	Snub Pulley Ø530mm (P3 Type 2)	ACA1-LDS-00ETK-M-3005	SKF 22326 CCK/C3W33	SKF H2326	SKF SNL3134	Taconite	1900	506	1400	20	T	SS400 Carbon Steel JIS G3106	2052	150	140 h8	115 h8	-	S45C Hot Rolled JIS G4056	Ringfeder RFN7012.0 140x190	Rubber Grade M, Herringbone, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
12	AC-6.1	Bend Pulley Ø630mm (P2 Type 2)	ACA1-LDS-00ETK-M-3006 (Sheet 1 of 2)	SKF 23134 CCK/C3W33	SKF H3134	SKF SNL3134	Taconite	1800	606	1400	20	T	SS400 Carbon Steel JIS G3105	1952	170	160 h8	150 h8	-	S45C Hot Rolled JIS G4055	Ringfeder RFN7012.0 160x210	Rubber Grade M, Herringbone, REMA TIP TOP REMAGRIP 70/CN, 12mm thk
13	AC-6.1	Bend Pulley Ø630mm (P2 Type 3)	ACA1-LDS-00ETK-M-3006 (Sheet 2 of 2)	SKF 23134 CCK/C3W33	SKF H3134	SKF SNL3134	Taconite	1900	606	1400	20	T	SS400 Carbon Steel JIS G3105	2052	170	160 h8	150 h8	-	S45C Hot Rolled JIS G4055	Ringfeder RFN7012.0 160x210	Rubber Grade M, Herringbone, REMA TIP TOP REMAGRIP 70/CN, 12mm thk