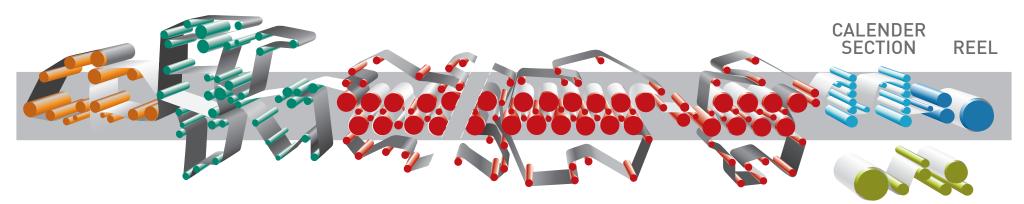
# THE PAPER MAKING PROCESS



Through the entire paper making process you can rely on NSK's uncompromising commitment to superior products and unparalleled service. Upgrading to NSK ensures productivity and reliability for you and your entire operation. From high temperature resistance to heavy load capabilities, NSK delivers products that offer solutions in all mill applications.

Experience the NSK difference — upgrade to NSK.



**WIRE SECTION** 

PRESS SECTION

**DRYER SECTION** 





#### HPS™

- 1. Longer bearing life.
- 2. High limiting speeds.

USED IN: BARKER, CHIPPER, REFINER, WIRE SECTION, WINDER, REEL



# **MOLDED OIL**

- Excellent performance in environments exposed to moisture or dust.
- 2. Easy to handle and environmentally safe.

USED IN: AGITATOR, CONVEYOR, WET SECTION, PRESS SECTION



# SWR - ANTI WEAR

- 1. Heavy load capabilities.
- 2. Controlled outer ring wear.

**USED IN: PRESS ROLL** 



# **TRIPLE RING**

- 1. Long life.
- 2. High precision.
- **3.** Optimal inner ring design for lubrication.

USED IN: PRESS ROLL, CALENDER



#### TL

- Suitable for high temperature equipment with resistance to inner ring fracture.
- 2. Long life that boosts productivity and lowers maintenance costs.

USED IN: DRYER SECTION, CALENDER SECTION



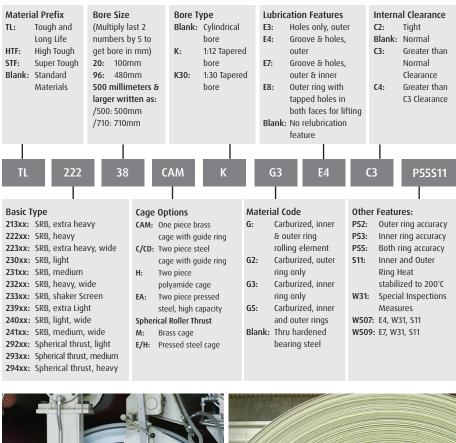
# **SAF HOUSING**

- 1. Compatible with industry standards.
- 2. Large oil ports.

**USED IN: ALL SECTIONS** 



#### NOMENCLATURE - SPHERICAL ROLLER BEARINGS







# TL STEEL SPHERICAL ROLLER BEARINGS

- Designed for high temperatures
- > Specialized TL Steel extends life and reduces the possibility of downtime
- > Enhances inner ring strength and increases fracture resistance

### INTERCHANGE - SPHERICAL ROLLER BEARINGS

	Description	NSK	SKF	Timken	FAG
Part number	Extra Light	239xx	239xx	239xx	239xx
	Light	230xx	230xx	230xx	230xx
	Light, Wide	240xx	240xx	240xx	240xx
	Medium	231xx	231xx	231xx	231xx
	Medium, Wide	241xx	241xx	241xx	241xx
	Heavy	222xx	222xx	222xx	222xx
	Heavy, Wide	232xx	232xx	232xx	232xx
	Extra Heavy	213xx	213xx	213xx	213xx
	Extra Heavy, Wide	223xx	223xx	223xx	223xx
	Light, Spherical Thrust	292xx	292xx	292xx	292xx
	Medium, Spherical Thrust	293xx	293xx	293xx	293xx
	Heavy, Spherical Thrust	294xx	294xx	294xx	294xx
	Shaker Screen	233xx	4533xx	233xx	233xx
Part number suffix	TL Premium Material	TL	-	-	-
	High Capacity Steel Cage	EA	-	-	-
	Brass Cage, One Piece, Guide Ring	CAM, AM	CA,CACM	YM	M, MB, MA
	Brass Cage, Two Piece, Guide Flange	M	MC	BR	-
	Steel Cage, Two Piece, Guide Ring	C,CD	CJ,CC	CJ,VJ	-
	Polyamide Cage, Two Piece	Н	-	VCF	TVPB
	Tapered Bore 1:12	K	K	K	K
	Tapered Bore 1:30	K30	K30	K	K30
	Carburized Steel, Complete Bearing	g	ECD	W40	W209
	Carburized Steel, Inner Ring Only	g3	ECB	W401	W209B
	Lube Groove & Holes Outer Ring	E4	W33	W33	S
	Lube Groove & Holes Outer Ring and Inner Ring	E7	W513	W33W94	SHA40AB
	Holes Only Outer Ring	E3	W20	W20	SY
	Plugs Provided For Outer Ring Holes	E42	W77	W84	H40
	Combination S11, E4, W31	W507	W507	W33W4W31	-
	Combination W33, W31	E4U22	W506	W33W31	-
	Combination S11, E7, W31	W509	W509	W33W94W31	SH40A
	Outer Ring with Extra Close Running Accuracy	P52	C04	C04	T52BN
	Inner Ring with Extra Close Running Accuracy	P53	C02	C02	T52BE
	Inner & Outer Ring w/ Extra Close Running Accuracy	P55	C08	C08	T52BW
	Special Inspections Measures	W31	W31	W31	-
	Inner Ring & Outer Ring Heat Stabilized To 200°C	S11	SI	-	-
	Tight Clearance	C2	C2	C2	C2
	Normal Clearance	-	-	-	-
	Greater than Normal Clearance	C3	C3	C3	C3
	Greater than C3 Clearance	C4	C4	C4	C4

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