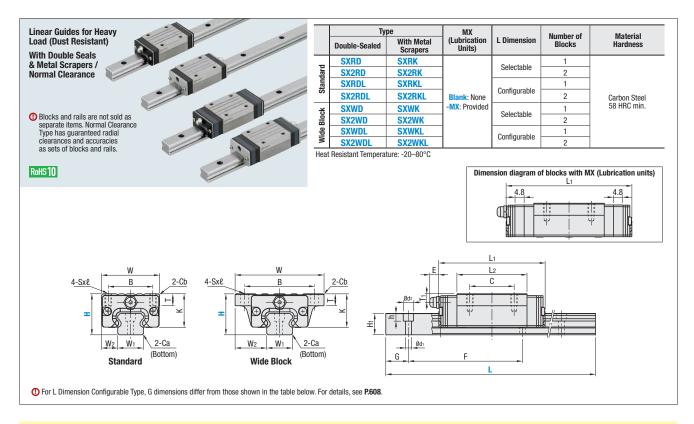
With Double Seals & Metal Scrapers / Normal Clearance



### **Precautions for Use**

- ① Blocks are equipped with retainers (wire) to prevent balls from derailing. For blocks, see P.602. ① Radial clearances and accuracies are not guaranteed if the blocks and rails are interchanged from the
- ① Straight grooves are provided on datum planes. Be sure to match the datum lines when using
- ① Rails cannot be connected end to end.
- Running parallelism is the value measured after the rail is mounted. (it is not the value measured before the rails are fastened with screws.)

- Filled with Lithium soap based grease (Alvania Grease S2 by Showa Shell Sekiyu K.K).
- Grease Fittings: Straight Type for H24 and Angled Type for H28 and H33.
- Grease Fitting is screw-in type, and thus, can be repositioned.
- For Operating Life Calculation P.604

	Part Number						Block Dimensions										Guide Rail Dimensions																			
	Туре		мх н		L L	w	L <sub>1</sub>		В	ВС	Sxl	L,	К	_	Cb	Grease Fittings		Н,	W <sub>1</sub>	W <sub>2</sub>	Ca	Counterbored Holes	F	G												
			шх	"			Standard M	MX	0		OXC	L <sub>2</sub>   N	ĸ		OD	Mounting Holes	Е	T <sub>1</sub>	"1		**2	Oa	d <sub>1</sub> x d <sub>2</sub> x h	Ľ	' u											
Standard	1 Block SXRD SXRK SXRDL SXRKL	2 Blocks SX2RD SX2RK SX2RDL SX2RKL		24	160 (220)- 1480	34	62 (58.6)	71.6 (68.2)	26	26	M4 x 7	41	20	7	0.85	M5 x P0.8	6	5	12.5	15	9.5	0.5	3.5 x 6 x 4.5	60	20											
				28	220-1960	42	73.4 (69)	83 (78.6)	32	32	M5 x 8	47.6	22.5	7.5	1	M6 x P0.75	13	6	15.5	20	11	0.6	6 x 9.5 x 8.5	60	20											
			Blank: None	33	220 (280)- 1960	48	90 (85.4)	99.6 (95)	35	35	M6 x 9	61	26.5	8	1	M6 x P0.75	13	6.8	18	23	12.5	0.8	7 x 11 x 9	60	20											
Wide Block	1 Block SXWD SXWK SXWDL SXWKL	2 Blocks SX2WD SX2WK SX2WDL SX2WKL	SX2WD SX2WK	SX2WD SX2WK	SX2WD SX2WK	-MX: Provided	24	160 (220)- 1480	52	62 (58.6)	71.6 (68.2)	41	26	4.5	41	20	7	0.5	M5 x P0.8	6	5	12.5	15	18.5	0.5	3.5 x 6 x 4.5	60	20								
						SX2WK	SX2WK	SX2WK	SX2WK	SX2WK	SX2WK	SX2WK	SX2WK	SX2WK	SX2WK	SX2WK		28	220-1960	59	73.4 (69)	83 (78.6)	49	32	5.5	47.6	22.5	9	1	M6 x P0.75	13	6	15.5	20	19.5	0.6
				33	220 (280)- 1960	73	90 (85.4)	99.6 (95)	60	35	7	61	26.5	10	1	M6 x P0.75	13	6.8	18	23	25	0.8	7 x 11 x 9	60	20											

U L Dimension: Dimensions in () are for the minimum rail length of the 2-Block Type. UL Dimension: Dimensions in () are for Metal Scraper Type.



**Part Number** 

Part Number

SXRD-MX28 - 880 (With Lubrication Units)

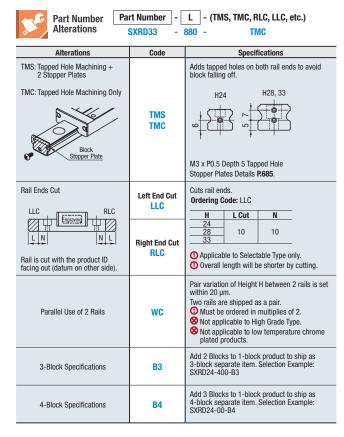
880 (L Type Greased)

Alternative grease types available.

O Blocks and rails are not sold as separate items. Normal Clearance Type has guaranteed radial clearances and accuracies as sets of blocks and rails.

# **Linear Guides for Heavy Load (Dust Resistant)**

With Double Seals & Metal Scrapers / Normal Clearance, continued



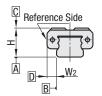
## **Selectable Shortest Rail Length**

Н	B3 (3-Block)	B4 (4-Block)		
24	340	400		
28	400	460		
33	400	520		

## **Position of Grease Fitting**

# **Preload & Accuracy Standards**

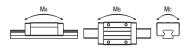
Radial Clearance (µm)										
H24	-4-+2									
H28	-5-+2									
H33	-6-+3									



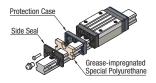
Dimension Pred	Standard Grade				
Height H Tolerance	±100				
Height H Pair Variation	20				
Width W <sub>2</sub> Tolerance	±100				
Pair Variation of Width W <sub>2</sub>	H24, 28	20			
ran vanadon of widdi w <sub>2</sub>	H33	30			
Running Parallelism of Plane C aga	Refer to				
Running Parallelism of Plane D aga	P.602				

## kaf=Nx0.101972

	Н	Basic Loa	ad Rating	Allowable St	tatic Moment	Mass					
		C (	Co	Ma, Mb N-m	Mc N•m						
-		Dynamic) kN	(Static) kN			Double	-Sealed	W/Metal	Guide Rails kg/m		
						Standard	Wide	Standard	Wide		
24	4	8.6	14.2	69	98	0.21	0.26	0.21	0.26	1.5	
2	8	12.5	21.3	155	232	0.32	0.37	0.32	0.37	2.4	
3	3	20.2	34.5	275	393	0.48	0.63	0.49	0.64	3.4	

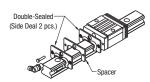


## **Lubrication Units**



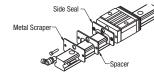
- Blocks with Lubrication Units MX provide long term maintenance-free operation. Reduces maintenance cost. Most suitable where the design does not allow access for additional lubrication. For details, refer to P.599.

### Double-Sealed



- The double seal scheme with two layers of side seals enhances the sealing effect and prevents intrusion of foreign substances into the block.
- Can be used where dust and machining chips exist.
- ① Sliding resistance of Double-Sealed Type is higher than that of Standard Type.

## With Metal Scrapers



attaching metal scrapers on the external side of the side seals. - Can be used in areas with high temperature dusts such as

