



MEASURING GUIDE

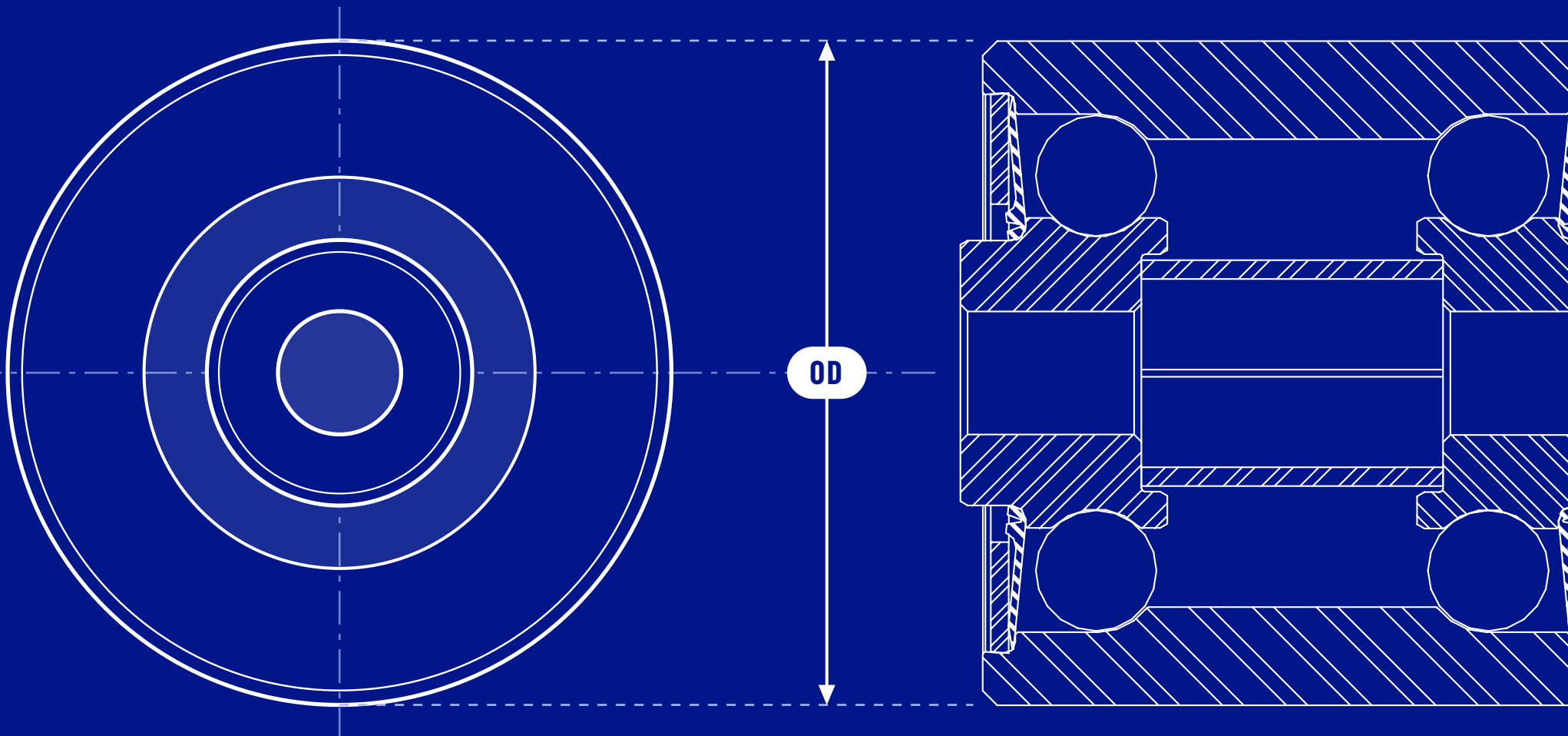
How to measure roller turn rollers.

Three caliper readings match your roller to a Frost part number.

YOU'LL NEED

CALIPERS

LOCK OUT AND TAG OUT THE CONVEYOR BEFORE YOU MEASURE.

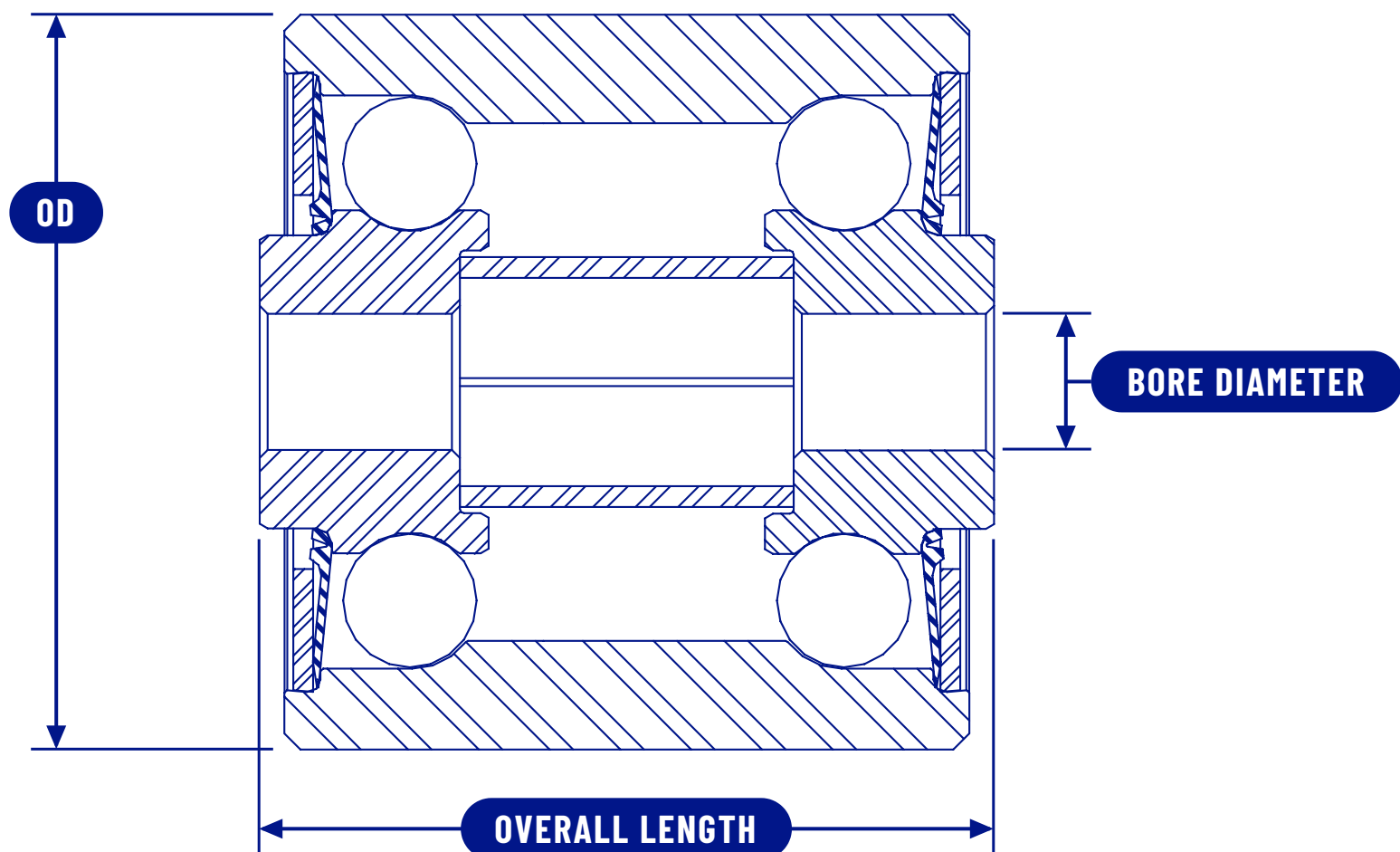




WHAT YOU NEED

Three numbers find your roller.

Measure with calipers, not a tape. Read each one to **0.01 in.**



01

OD

Across the outer race. A worn race can read small.

02

Bore Diameter

Inside jaws in the bore the bolt passes through.

03

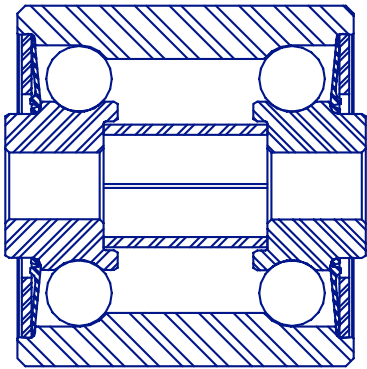
Overall Length

End to end, across the inner race at both ends.



ROLLER TYPE

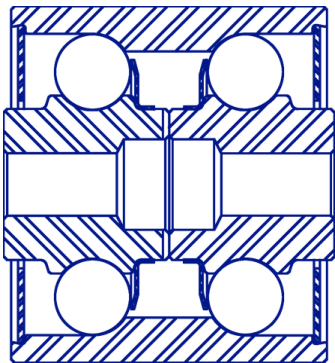
Know your roller type.



Standard

STYLE 1, STYLE 2, TRIPLE LAB.

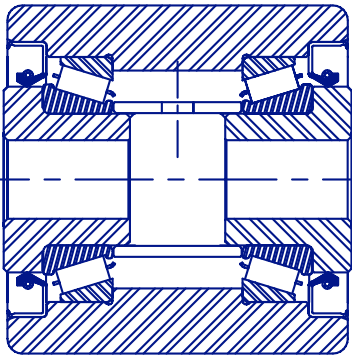
Full ball bearing, nitrile contact seal. To 250°F (121°C) intermittent with Frost standard grease. 2,400 lb.



Special HD

5/8 IN BALLS

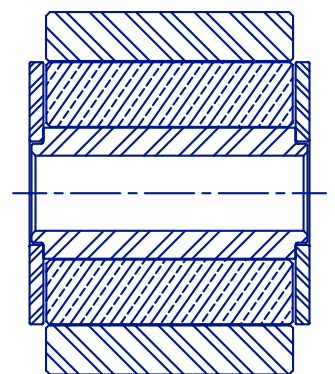
Standard bearing with larger balls for more load. 3,200 lb. Some come with Teflon-felt wipers.



Super HD

TAPERED ROLLER

Tapered roller bearings for heavy loads, shock and thrust. To 250°F (121°C). 5,000 lb.



High Temp.

STYLE 3

Journal bearing, no balls, for ovens. Up to 800°F (427°C) continuous. 2,200 lb.

Not sure which type? [Send us a photo.](#)



OVERALL LENGTH FIRST

Find your table.

Your Overall Length tells you which conveyor it fits and the page.

OVERALL LENGTH, IN	CONVEYOR AND OD, IN	GO TO
1.52	Fits X-228 conveyors OD 1.75 2.13 BORE .25	PAGE 07
1.87	Fits 3" conveyors OD 2.75	PAGE 05
2.13	Fits 3" conveyors OD 2.75 2.83 2.95	PAGE 05
2.75	Fits 4" and 6" conveyors OD 2.75 2.81 2.83 2.95 3.00	PAGE 06
2.81	Fits 4" and 6" conveyors OD 2.81 3.00	PAGE 07

READ THE TABLE

OD picks the band. **Bore Diameter** (.50, .58, .63 or .75) picks the row. Your roller type picks the column.

Example: 2.75 Overall Length, 2.75 OD, .75 Bore Diameter. Page 06, Standard Style 1: **0407000**.



PART NUMBERS • FITS 3" CONVEYORS

Overall Length 1.87 or 2.13.

BORE DIAMETER	Standard STYLE 1	Standard STYLE 2	Triple Lab.	Special HD	Super HD	High Temp.
OD 2.75 OVERALL LENGTH 1.87						
.50	0300100	0430000	.	.	.	.
.63	.	0430600	.	.	.	.
OD 2.75 OVERALL LENGTH 2.13						
.50	0305100	0431000	0375100	.	.	0412500
.58	0305700	0432000	.	.	.	0412000
.63	0304800	0436000	0375200	.	.	0412520
.75	0307000	.	.	.	.	.
OD 2.83 OVERALL LENGTH 2.13						
.50	2812700	.	.	.	0314010	.
.58	2812400	.	.	.	0314020	.
.63	2812600	.	.	.	0314000	.
.75	.	.	.	.	0314050	.
OD 2.95 OVERALL LENGTH 2.13						
.50	0305200	.	0375300	.	.	.
.58	0305800	.	.	.	.	.
.63	0304900	0433200	0375400	.	.	.
.75	0307100	.	.	.	.	.

Not in the table? **Call 616.453.7781.**



PART NUMBERS • FITS 4" AND 6" CONVEYORS

Overall Length 2.75.

BORE DIAMETER	Standard STYLE 1	Standard STYLE 2	Triple Lab.	Special HD	Super HD	High Temp.
OD 2.75						
.50	0405100	0441000	0405200	.	.	0413500
.58	0405700	0442000	.	.	.	0413000
.63	0407200	0443000	0477200 GK	.	.	0413520
.75	0407000	.	.	.	.	.
OD 2.81						
.50	.	.	.	.	0404210	.
.58	.	.	.	.	0404220	.
.63	.	.	.	.	0404200	.
.75	.	.	.	.	0404250	.
OD 2.83						
.58	2812500	.	.	.	.	.
.63	2812300	.	.	.	.	.
OD 2.95						
.50	0414630	0463200	.	0404620	.	0413600
.58	0414670	0463300	.	.	.	0413100
.63	0414600	0463100	.	0404900 FW	.	0413620
.75	0414650	0463400	.	0404950 FW	.	.
OD 3.00						
.50	.	.	.	.	0404510	.
.58	.	.	.	.	0404520	.
.63	.	.	.	.	0404500	.
.75	.	.	.	.	0404550	.

FW with Teflon-felt wipers GK with grease keeper 0407000 example from page 04

Not in the table? Call 616.453.7781.



PART NUMBERS • FITS 4" AND 6" CONVEYORS

Overall Length 2.81.

BORE DIAMETER	Standard STYLE 1	Standard STYLE 2	Triple Lab.	Special HD	Super HD	High Temp.
OD 2.81						
.50	.	.	.	.	0404010	.
.58	.	.	.	.	0404020	.
.63	.	.	.	.	0404000	.
.75	.	.	.	.	0404050	.
OD 3.00						
.50	.	.	.	.	0404110	.
.58	.	.	.	.	0404120	.
.63	.	.	.	.	0404100	.
.75	.	.	.	.	0404150	.

PART NUMBERS • FITS X-228 CONVEYORS

Overall Length 1.52.

BORE DIAMETER	Standard STYLE 1	Standard STYLE 2	Triple Lab.	Special HD	Super HD	High Temp.
OD 1.75						DRIVE ROLLER
.25	2310000	2320000	.	.	.	.
OD 2.13						ROLLER TURN ROLLER
.25	0310000	3190000	.	.	.	.

Not in the table? Call 616.453.7781.



BOLTS AND HARDWARE

We quote the full assembly.

Every roller is quoted with its hardware. Match it by **conveyor** and **Bore Diameter**.

CONVEYOR	BORE DIAMETER	BOLT	LOCK WASHER	NUT	LOCK NUT
3"	.50	0300708	5049025	0062100	0063100
	.58	0305621	0045100	0562019	0565919
	.63	0306251	0068820	0062150	0062155
4" and 6"	.50	0400308	5049025	0062100	0063100
	.58	0401261	0045100	0562019	0565919
	.63	0425505	0068820	0062150	0062155
	.75	0402705	87924	0075019	23217

NOT LISTED

3" conveyors at .75 Bore Diameter, 1.87 Overall Length at .63, and X-228 rollers. **Call 616.453.7781** and we'll quote the hardware.



STILL NOT SURE?

Send us three numbers. We'll match the roller.

WHAT TO SEND



OD



Bore Diameter



Overall Length



Operating temperature



Part number, if you have it



A photo of the roller



SCAN TO REQUEST A QUOTE

616.453.7781

frost.sales@frostinc.com

Email photos and measurements straight to our sales team.