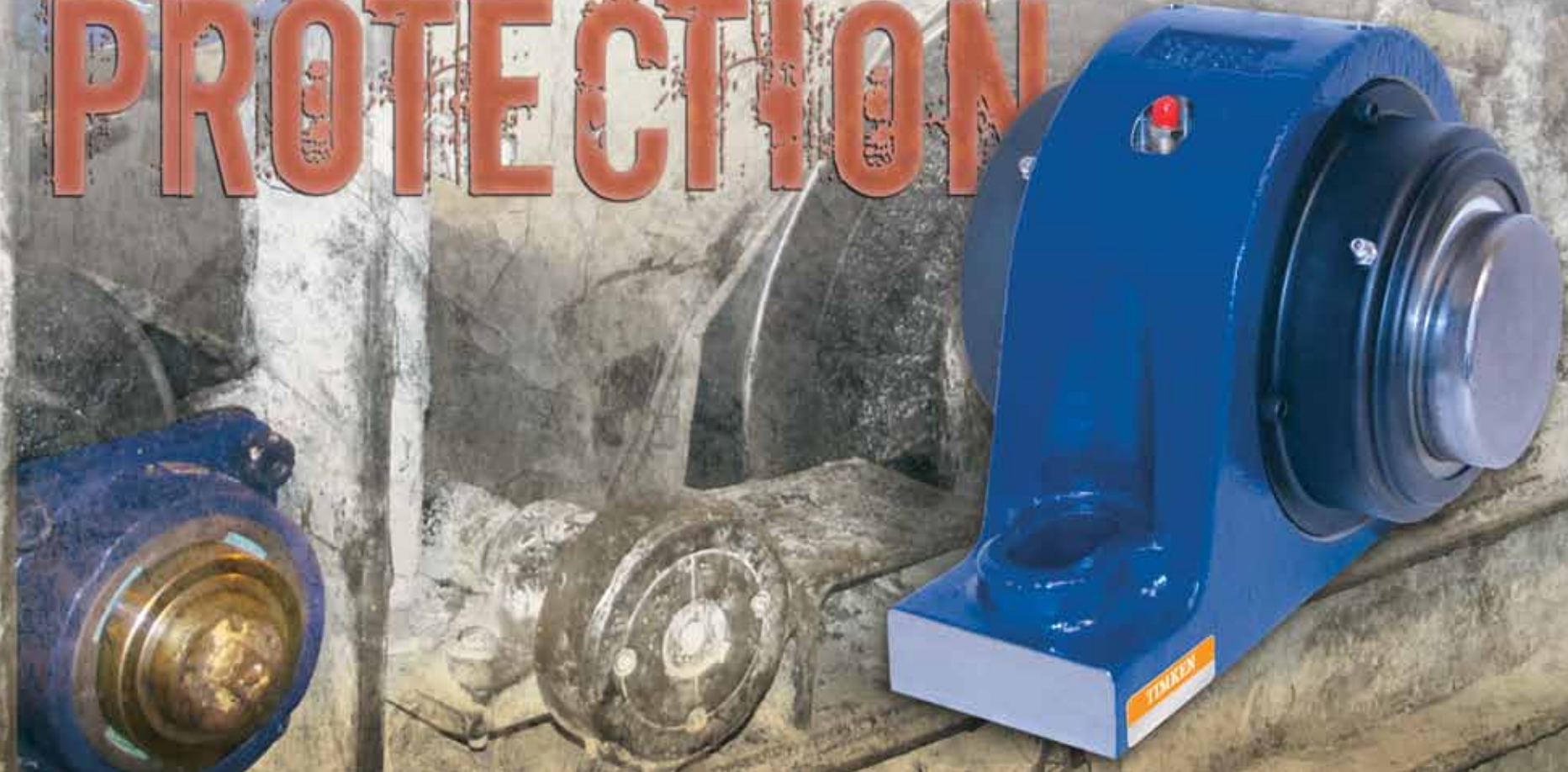


Timken® Spherical Roller Bearing
Solid-Block Housed Unit
Steel Auxiliary Covers

TIMKEN

**EVEN THE TOUGHEST
BEARINGS NEED
PROTECTION**



STRONG COVER UP

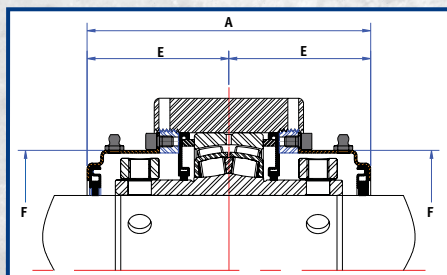
Count on Timken's steel auxiliary covers to help keep your spherical roller bearing housed units performing, even in dirty situations. Timken's solid-block housed units provide rugged protection, but in some conditions, may need extra help sealing out troublesome contaminants.

Used with primary seals and greases, these steel covers are designed to create formidable protection that helps keep your business moving ahead.

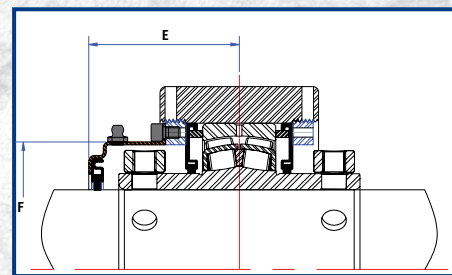
HELP IMPROVE YOUR UPTIME WITH THIS UNIQUE COVER DESIGN

- Bolt covers directly onto spherical roller bearing solid-block housed units.
- Get excellent protection at high running speeds, while avoiding shaft damage, thanks to the DuPont™ Teflon® labyrinth seal on the open-ended covers.
- Choose whether to fill cover cavity with grease for an extra barrier of protection.
- Receive fast delivery due to our broad inventory.
- Remove covers easily for on-site inspection and replacement.

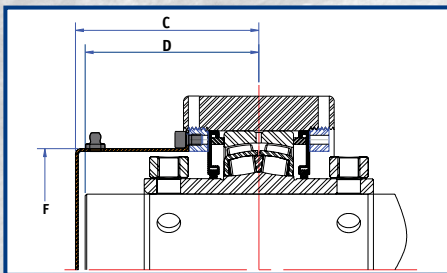
DOUBLE OPEN-END COVER



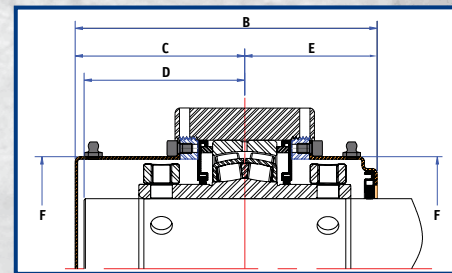
SINGLE OPEN-END COVER



SINGLE CLOSED-END COVER



SINGLE CLOSED-END COVER AND SINGLE OPEN-END COVER⁽¹⁾



⁽¹⁾ Double covers available only on pillow-block and take-up style bearings.



CO-TAKE COVER

TIMKEN SOLID-BLOCK AUXILIARY COVERS FOR SOLID-BLOCK HOUSED UNITS

When you choose Timken® spherical roller bearing solid-block housed units, you're investing in products that are built to handle tough industrial jobs. If those jobs involve heavy contamination in industries where particulates are a problem, such as forestry, pulp and paper, aggregate and cement, consider extra-tough sealing solutions.

Timken's steel auxiliary covers definitely up the ante. Rugged and cost-effective, they help your equipment perform even better in these conditions.

EVEN THE TOUGHEST BEARINGS NEED PROTECTION

Timken's auxiliary covers are made from steel designed to withstand harsh environments. Plus, they are treated with black oxide for additional corrosion protection. These covers offer sturdy sealing protection against particulate contamination and moisture, helping your bearings last longer.

Add up all the advantages of Timken steel auxiliary covers and you have an extra-strong sealing solution for your steel housed units.



TIMKEN AUXILIARY COVERS ARE BUILT TO LAST

For tough jobs where Timken spherical roller bearing solid-block housed units have to operate in environments with high levels of particulate contamination, choose Timken Auxiliary Covers.

- Made from steel to withstand the toughest applications.
- Black-oxide treated for improved corrosion protection.
- Available in both open-ended and closed-ended designs for standard and custom configurations of Timken spherical roller bearing solid-block housed units.
- Standard products available for shaft sizes 1 ⁷/₁₆ inches up to 5 inches (40 mm to 135 mm). Check with your Timken sales representative for other shaft sizes.

ENJOY PEACE OF MIND WITH EXTRA PROTECTION FOR YOUR BEARINGS

TIMKEN STEEL AUXILIARY COVER DIMENSIONS

V-LOCK SERIES - STRAIGHT BORE EQUIVALENTS

SHAFT DIA.	COVER PART NUMBER	BEARING SERIES	Steel Cover Dimensions						
			A	B	C	D	E	F	
			mm	mm	mm	mm	mm	mm	
CLOSED	CS11STEEL	22211							
1 15/16 in.	CV11T115S		128.5	143.3	79.2	75.2	64.3	89.7	
50 mm	CV11T050S		5.06	5.64	3.12	2.96	2.53	3.53	
2 in.	CV11T200S	22212							
CLOSED	CS12STEEL		129.0	141.5	77.0	72.9	64.5	98.6	
55 mm	CV12T055S		5.08	5.57	3.03	2.87	2.54	3.88	
2 3/16 in.	CV12T203S	22214							
2 1/4 in.	CV12T204S		135.4	159.3	91.4	87.4	67.8	103.6	
CLOSED	CS14STEEL		5.33	6.27	3.60	3.44	2.67	4.08	
60 mm	CV14T060S	22216							
2 7/16 in.	CV14T207S		150.1	167.6	92.5	88.4	75.2	116.1	
2 1/2 in.	CV14T208S		5.91	6.60	3.64	3.48	2.96	4.57	
65 mm	CV14T065S	22219							
CLOSED	CS16STEEL		167.9	191.0	106.9	102.9	84.1	139.4	
2 11/16 in.	CV16T211S		6.61	7.52	4.21	4.05	3.31	5.49	
2 3/4 in.	CV16T212S	22222							
70 mm	CV16T070S		217.7	241.8	133.1	129.0	109.0	180.1	
2 15/16 in.	CV16T215S		8.57	9.52	5.24	5.08	4.29	7.09	
75 mm	CV16T075S	22226							
3 in.	CV16T300S		219.7	242.8	133.1	129.0	110.0	209.3	
CLOSED	CS19STEEL		8.65	9.56	5.24	5.08	4.33	8.24	
80 mm	CV19T080S	22228							
3 3/16 in.	CV19T303S		223.5	246.9	135.1	131.1	111.8	209.3	
3 1/4 in.	CV19T304S		8.80	9.72	5.32	5.16	4.40	8.24	
85 mm	CV19T085S	22228							
3 7/16 in.	CV19T307S		223.5	246.9	135.1	131.1	111.8	209.3	
3 1/2 in.	CV19T308S		8.80	9.72	5.32	5.16	4.40	8.24	
90 mm	CV19T090S	22228							
CLOSED	CS22STEEL		223.5	246.9	135.1	131.1	111.8	209.3	
3 11/16 in.	CV22T311S		8.80	9.72	5.32	5.16	4.40	8.24	
3 3/4 in.	CV22T312S	22228							
100 mm	CV22T100S		223.5	246.9	135.1	131.1	111.8	209.3	
3 15/16 in.	CV22T315S		8.80	9.72	5.32	5.16	4.40	8.24	
4 in.	CV22T400S	22228							
CLOSED	CS26STEEL		223.5	246.9	135.1	131.1	111.8	209.3	
110 mm	CV26T110S		8.80	9.72	5.32	5.16	4.40	8.24	
4 7/16 in.	CV26T407S	22228							
4 1/2 in.	CV26T408S		223.5	246.9	135.1	131.1	111.8	209.3	
115 mm	CV26T115S		8.80	9.72	5.32	5.16	4.40	8.24	
CLOSED	CS28STEEL	22228							
125 mm	CV28T125S		223.5	246.9	135.1	131.1	111.8	209.3	
4 15/16 in.	CV28T415S		8.80	9.72	5.32	5.16	4.40	8.24	
5 in.	CV28T500S	22228							
CLOSED	CS28STEEL		223.5	246.9	135.1	131.1	111.8	209.3	
130 mm	CV28T130S		8.80	9.72	5.32	5.16	4.40	8.24	

V-LOCK SERIES - TAPERED BORE EQUIVALENTS

SHAFT DIA.	COVER PART NUMBER	BEARING SERIES	Steel Cover Dimensions						
			A	B	C	D	E	F	
			mm	mm	mm	mm	mm	mm	
CLOSED	CS11STEEL	22211							
1 15/16 in.	CV11T115S		124.2	139.2	77.0	72.9	62.2	89.7	
50 mm	CV11T050S		4.89	5.48	3.03	2.87	2.45	3.53	
2 in.	CV11T200S	22213							
CLOSED	CS13STEEL		130.3	154.2	88.9	84.8	65.3	103.6	
55 mm	CV13T055S		5.13	6.07	3.50	3.34	2.57	4.08	
2 3/16 in.	CV13T203S	22215							
2 1/4 in.	CV13T204S		142.7	160.3	88.9	84.8	71.4	116.1	
CLOSED	CS15STEEL		5.62	6.31	3.50	3.34	2.81	4.57	
60 mm	CV15T060S	22217							
2 7/16 in.	CV15T207S		133.9	156.0	88.9	84.8	67.1	132.1	
2 1/2 in.	CV15T208S		5.27	6.14	3.50	3.34	2.64	5.2	
65 mm	CV15T065S	22220							
CLOSED	CS17STEEL		170.4	193.0	108.0	103.9	85.3	160.3	
2 11/16 in.	CV17T211S		6.71	7.60	4.25	4.09	3.36	6.31	
2 3/4 in.	CV17T212S	22222							
70 mm	CV17T070S		208.5	232.9	128.5	124.5	104.4	180.1	
2 15/16 in.	CV17T215S		8.21	9.17	5.06	4.90	4.11	7.09	
75 mm	CV17T075S	22224							
3 in.	CV17T300S		213.6	237.7	131.1	127	106.7	180.1	
CLOSED	CS20STEEL		8.41	9.36	5.16	5.00	4.2	7.09	
80 mm	CV20T080S	22226							
3 3/16 in.	CV20T303S		210.6	233.9	128.5	124.5	105.4	209.3	
3 1/4 in.	CV20T304S		8.29	9.21	5.06	4.90	4.15	8.24	
85 mm	CV20T085S	22228							
3 7/16 in.	CV20T307S		214.6	238.0	130.6	126.5	107.2	209.3	
3 1/2 in.	CV20T308S		8.45	9.37	5.14	4.98	4.22	8.24	
90 mm	CV20T090S	22228							
CLOSED	CS22STEEL		214.6	238.0	130.6	126.5	107.2	209.3	
3 11/16 in.	CV22T311S		8.45	9.37	5.14	4.98	4.22	8.24	
3 3/4 in.	CV22T312S	22228							
100 mm	CV22T100S		214.6	238.0	130.6	126.5	107.2	209.3	
3 15/16 in.	CV22T315S		8.45	9.37	5.14	4.98	4.22	8.24	
4 in.	CV22T400S	22228							
CLOSED	CS24STEEL		214.6	238.0	130.6	126.5	107.2	209.3	
110 mm	CV24T110S		8.45	9.37	5.14	4.98	4.22	8.24	
110 mm	CV26T110S	22228							
CLOSED	CS26STEEL		214.6	238.0	130.6	126.5	107.2	209.3	
110 mm	CV26T110S		8.45	9.37	5.14	4.98	4.22	8.24	
4 7/16 in.	CV26T407S	22228							
4 1/2 in.	CV26T408S		214.6	238.0	130.6	126.5	107.2	209.3	
115 mm	CV26T115S		8.45	9.37	5.14	4.98	4.22	8.24	
CLOSED	CS28STEEL	22228							
125 mm	CV28T125S		214.6	238.0	130.6	126.5	107.2	209.3	
4 15/16 in.	CV28T415S		8.45	9.37	5.14	4.98	4.22	8.24	
5 in.	CV28T500S	22228							
CLOSED	CS28STEEL		214.6	238.0	130.6	126.5	107.2	209.3	
130 mm	CV28T130S		8.45	9.37	5.14	4.98	4.22	8.24	

Covers available for all Timken solid-block housed units – take-up, pillow block, pilot and flange units.





TIMKEN QUALITY AND PERFORMANCE

The Timken name stands for high quality and outstanding performance. Using our capabilities in bearing technology, manufacturing, engineering support and distribution, we provide you with smart, cost-effective friction-management and power transmission solutions that help you outperform the competition.

Superior Materials. As the only premium bearing manufacturer to also make super-clean, high-alloy bearing steels, we understand the critical quality link between materials and product performance.

Quality Solutions. We manufacture our bearings, housings and covers to a consistently high standard - no matter where in the world they are manufactured, due to our global Timken Quality Management System (TQMS).

Dependable Service. With every purchase of a Timken product, you're backed by the service of industry-leading experts ready to assist you with product design, application knowledge and 24/7 field support.

On-Time Delivery. Short lead times are critical to keeping your operations up and running. Your order will ship within 24 to 48 hours.

Find out more about
our commitment to quality by
visiting www.timken.com,
keyword "Quality."

To learn more about our expanded series of Timken® roller housed units and our extensive offering of other friction-management products and services, contact your local Timken representative or **visit www.timken.com**.

TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance steel as well as mechanical components, including bearings, gears, chain and related mechanical power transmission products and services.

www.timken.com

Stronger. **Commitment.** Stronger. **Value.** Stronger. **Worldwide.** Stronger. **Together.** | Stronger. **By Design.**