

# Timken® Revolve Split Cylindrical Roller Bearing Housed Units

Cooper Interchange



Shaft Size (in.)	Brand	Assembly	Pedestal	Housing	Bearing	Bearing, Cartridge, Seals
1 3/16	Cooper	01BCP103GRAT	P01	01C1GR	01B103GR	01BC103GRAT
	Timken	LSE103BRHSATL	S01	LS1HRTL	LSE103BR	LSE103BRHATL
1 7/16	Cooper	01BCP107GRAT	P01	01C1GR	01B107GR	01BC107GRAT
	Timken	LSE107BRHSATL	S01	LS1HRTL	LSE107BR	LSE107BRHATL
1 1/2	Cooper	01BCP108GRAT	P01	01C1GR	01B108GR	01BC108GRAT
	Timken	LSE108BRHSATL	S01	LS1HRTL	LSE108BR	LSE108BR
1 15/16	Cooper	02BCP115GRAT	P02	02C3GR	02B115GR	02B115GR
	Timken	MSE115BRHSATL	S02	MS3HRTL	MSE115BR	MSE115BRHATL
2	Cooper	02BCP200GRAT	P02	02C3GR	02B200GR	02BC200GRAT
	Timken	MSE200BRHSATL	S02	MS3HRTL	MSE200BR	MSE200BRHATL
2 3/16	Cooper	02BCP203GRAT	P03	02C3GR	02B203GR	02BC203GRAT
	Timken	MSE203BRHSATL	S03	MS3HRTL	MSE203BR	MSE203BRHATL
2 1/4	Cooper	02BCP204GRAT	P03	02C3GR	02B204GR	02BC204GRAT
	Timken	MSE204BRHSATL	S03	MS3HRTL	MSE204BR	MSE204BRHATL
2 7/16	Cooper	02BCP207GRAT	P03	02C3GR	02B207GR	02BC207GRAT
	Timken	MSE207BRHSATL	S03	MS3HRTL	MSE207BR	MSE207BRHATL
2 1/2	Cooper	02BCP208GRAT	P03	02C3GR	02B208GR	02BC208GRAT
	Timken	MSE208BRHSATL	S03	MS3HRTL	MSE208BR	MSE208BRHATL
2 15/16	Cooper	02BCP215GRAT	P04	02C4GR	02B215GR	02BC215GRAT
	Timken	MSE215BRHSATL	S04	MS4HRTL	MSE215BR	MSE215BRHATL
3	Cooper	02BCP300GRAT	P04	02C4GR	02B300GR	02BC300GRAT
	Timken	MSE300BRHSATL	S04	MS4HRTL	MSE300BR	MSE300BRHATL
3 3/16	Cooper	02BCP303GRAT	P05	02C5GR	02B303GR	02BC303GRAT
	Timken	MSE303BRHSATL	S05	MS5HRTL	MSE303BR	MSE303BRHATL
3 1/4	Cooper	02BCP304GRAT	P05	02C5GR	02B304GR	02BC304GRAT
	Timken	MSE304BRHSATL	S05	MS5HRTL	MSE304BR	MSE304BRHATL
3 7/16	Cooper	02BCP307GRAT	P05	02C5GR	02B307GR	02BC307GRAT
	Timken	MSE307BRHSATL	S05	MS5HRTL	MSE307BR	MSE307BRHATL

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# Timken® Revolve Split Cylindrical Roller Bearing Housed Units

Cooper Interchange



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Shaft Size (in.)	Brand	Assembly	Pedestal	Housing	Bearing	Bearing, Cartridge, Seals
3 1/2	Cooper	02BCP308GRAT	P05	02C5GR	02B308GR	02BC308GRAT
	Timken	MSE308BRHSATL	S05	MS5HRTL	MSE308BR	MSE308BRHATL
3 15/16	Cooper	02BCP315GRAT	P06	02C6GR	02B315GR	02BCP400GRAT
	Timken	MSE315BRHSATL	S06	MS6HRTL	MSE315BR	MSE315BRHATL
4	Cooper	02BCP400GRAT	P06	02C6GR	02EB400GR	02BC400GRAT
	Timken	MSE400BRHSATL	S06	MS6HRTL	MSE400BR	MSE400BRHATL
4 3/16	Cooper	02BCP403GRAT	P07	02C7GR	02B403GR	02BC403GRAT
	Timken	MSE403BRHSATL	S07	MS7HRTL	MSE403BR	MSE403BRHATL
4 1/4	Cooper	02BCP404GRAT	P07	01C07GR	02B404GR	02BC404GRAT
	Timken	MSE404BRHSATL	S07	MS7HRTL	MSE404BR	MSE404BRHATL
4 7/16	Cooper	02BCP407GRAT	P07	02C7GR	02B407GR	02BC407GRAT
	Timken	MSE407BRHSATL	S07	MS7HRTL	MSE407BR	MSE407BRHATL
4 15/16	Cooper	01BCP415GRAT	P08	01C8GR	01B415GR	01BC415GRAT
	Timken	LSE415BRHSATL	S08	LS8HRTL	LSE415BR	01BC415GRAT
5	Cooper	01BCP500GRAT	P08	01C8GR	01B500GR	01BC500GRAT
	Timken	LSE500BRHSATL	S08	LS8HRTL	LSE500BR	LSE500BRHATL
5 3/16	Cooper	01BCP503GRAT	P09	01C9GR	01B503GR	LSE500BRHSATL
	Timken	LSE503BRHSATL	S09	LS9HRTL	LSE503BR	LSE503BRHATL
5 1/4	Cooper	01BCP504GRAT	P09	01C9GR	01B504GR	01BC504GRAT
	Timken	LSE504BRHSATL	S09	LS9HRTL	LSE504BR	LSE504BRHATL
5 7/16	Cooper	01BCP507GRAT	P09	01C9GR	01B507GR	01BC507GRAT
	Timken	LSE507BRHSATL	S09	LS9HRTL	LSE507BR	LSE507BRHATL
5 1/2	Cooper	01BCP508GRAT	P09	01C9GR	01B508GR	01BC508GRAT
	Timken	LSE508BRHSATL	S09	LS9HRTL	LSE508BR	LSE508BRHATL
5 15/16	Cooper	01BCP515GRAT	P10	01C10GR	01B515GR	01BC515GRAT
	Timken	LSE515BRHSATL	S10	LS10HRTL	LSE515BR	LSE515BRHATL
6	Cooper	01BCP600GRAT	P10	01C10GR	01B600GR	01BC600GRAT
	Timken	LSE600BRHSATL	S10	LS10HRTL	LSE600BR	LSE600BRHATL

# Timken® Revolve Split Cylindrical Roller Bearing Housed Units

SKF SAFQ Interchange



Bolts	Shaft Size (in.)	Brand	Assembly	Pedestal	Housing	Bearing	Seals	Base to Shaft Center Height (in.)	Bolt: Bolt Distance (in.)	Overall Length (in.)
2	1 15/16	Timken	LSE115BRHSAFQAATL	SAFQ02A-2B	LS2HRTL	LSE115BR	115ATL	2.75	7 3/8 - 8 1/4	9 5/8
		SKF	SAF 22511					2.75	7 3/8 - 7 7/8	9 5/8
	2 3/16	Timken	LSE203BRHSAFQATL	SAFQ03-2B	LS3HRTL	LSE203BR	203ATL	3.0	8 1/4 - 9 1/2	11
		SKF	SAF 22513					3.0	8 1/8 - 9 1/2	11
	2 7/16	Timken	LSE207BRHSAFQAATL	SAFQ03A-2B	LS3HRTL	LSE207BR	207ATL	3.25	8 5/8 - 9 5/8	11 1/8
		SKF	SAF 22515					3.25	8 5/8 - 9 5/8	11 1/4
	2 15/16	Timken	LSE215BRHSAFQAATL	SAFQ04-2B	LS4HRTL	LSE215BR	215ATL	3.75	9 7/8 - 11	12 19/32
		SKF	SAF 22517					3.75	9 7/8 - 11	13
	3 3/16	Timken	LSE303BRHSAFQBATL	SAFQ05B-2B	LS5HRTL	LSE303BR	303ATL	4.0	10 1/4 - 11 3/4	13 5/8
		SKF	SAF 22518					4.0	10 3/8 - 11 5/8	13 3/4
	3 7/16	Timken	LSE307BRHSAFQATL	SAFQ05-2B	LS5HRTL	LSE307BR	307ATL	4.5	11 5/8 - 13 1/8	15 23/64
		SKF	SAF 22520					4.5	11 5/8 - 13 1/8	15 1/4
	3 1/2	Timken	LSE308BRHSAFQATL	SAFQ05-2B	LS5HRTL	LSE308BR	308ATL	4.5	11 5/8 - 13 1/8	15 23/64
		SKF	SAF 22520					4.5	11 5/8 - 13 1/8	15 1/4
4	3 15/16	Timken	MSE315BRHSAFQAATL	SAFQ07A	MS7HRTL	MSE315BR	315ATL	4.9375	12 9/16 - 14 1/2	16 1/2
		SKF	SAF 22522					4.9375	12 5/8 - 14 1/2	16 1/2
	4	Timken	MSE400BRHSAFQAATL	SAFQ07A	MS7HRTL	MSE400BR	400ATL	4.9375	12 9/16 - 14 1/2	16 1/2
		SKF	SAF 22522					4.9375	12 5/8 - 14 1/2	16 1/2
	4 3/16	Timken	MSE403BRHSAFQAATL	SAFQ08A	MS8HRTL	MSE403BR	403ATL	6.0	14 1/2 - 16	18 3/8
		SKF	SAF 22526					6.0	14 5/8 - 16	18 3/8
	4 7/16	Timken	MSE407BRHSAFQAATL	SAFQ08A	MS8HRTL	LSE407BR	407ATL	6.0	14 1/2 - 16	18 3/8
		SKF	SAF 22526					6.0	14 5/8 - 16	18 3/8
	4 15/16	Timken	MSE415BRHSAFQAATL	SAFQ10A	MS10HRTLE0509	MSE415BR	415ATL	6.0	15 5/8 - 17 3/8	19 45/64
		SKF	SAF 22528					6.0	16 - 17 1/8	20 1/8
	5	Timken	MSE500BRHSAFQAATL	SAFQ10A	MS10HRTLE0509	MSE500BR	500ATL	6.0	15 5/8 - 17 3/8	19 45/64
		SKF	SAF 22528					6.0	16 - 17 1/8	20 1/8
	5 7/16	Timken	MSE507BRHSAFQATL	SAFQ30	MS30HRTL	MSE507BR	507ATL	6.6875	17 3/8 - 19 1/4	21 21/32
		SKF	SAF 22532					6.6875	17 3/8 - 19 1/4	22
	5 1/2	Timken	MSE508BRHSAFQATL	SAFQ30	MS30HRTL	MSE508BR	508ATL	6.6875	17 3/8 - 19 1/4	21 21/32
		SKF	SAF 22532					6.6875	17 3/8 - 19 1/4	22
5 15/16	Timken	MSE515BRHSAFQATL	SAFQ31	MS31HRTL	MSE515BR	515ATL	7.0625	19 3/8 - 21 5/8	24 3/4	
	SKF	SAF 22534					7.0625	19 3/8 - 21 5/8	24 3/4	
6	Timken	MSE600BRHSAFQATL	SAFQ31	MS31HRTL	MSE600BR	600ATL	7.0625	19 3/8 - 21 5/8	24 3/4	
	SKF	SAF 22534					7.0625	19 3/8 - 21 5/8	24 3/4	

# Timken® Revolve Split Cylindrical Roller Bearing Housed Units

## Nomenclature

**LS** **E** **315** **BXHS** **SAFQ or SAFQA**

<p><b>Series Prefix</b> For most commonly used bearings this will be either; <b>LS</b> Light Series <b>MS</b> Medium Series <b>HS</b> Heavy Series</p>				
<p><b>Unit of Measure</b> <b>E</b> – Imperial Sizes (English) <b>M</b> – Metric Sizes</p>				
<p><b>Bearing Size (Shaft Size)</b> Imperial sizes are given in inches followed by 16ths. Metric sizes are given in millimetres (mm). e.g. 2<sup>7</sup>/<sub>16</sub> in. – 207 5<sup>8</sup>/<sub>16</sub> – 5<sup>1</sup>/<sub>2</sub> in. – 508 10<sup>4</sup>/<sub>16</sub> – 10<sup>1</sup>/<sub>4</sub> – 1004</p>				
<p><b>Unit Type</b> These can indicate individual bearings or housings, or combinations for assemblies.</p> <p>e.g. <b>BX</b> – Bearing, Expansion type. <b>BR</b> – Bearing, Retained type. <b>HX</b> – Housing, Expansion type. <b>HR</b> – Housing, Retained type. <b>BXH</b> – Bearing and Housing, Expansion type. <b>BRH</b> – Bearing and Housing, Retained type. <b>BXHS</b> – Bearing, Housing and Support, Expansion type. <b>BRHS</b> – Bearing, Housing and Support, Retained type. <b>BRHSAFQ</b> – Bearing, Housing and Angled Split Support, Retained type. <b>BXSAFQ</b> – Bearing, Housing and Angled Split Support, Expansion type.</p>				
<p><b>Additional Suffixes</b> To allow for the reference to include further information, additional suffix codes may be added. These can range from designating seal type (when not standard felt seals i.e. ATL seals) to indicating Bearing clearance (C3,C5 etc). A list of common suffixes and some examples of their use are given on the next page.</p>				



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 mechanical components, including bearings, belts, chain, gears and related mechanical power transmission products and services.

Stronger. By Design.