

# Falk Quadrive Motor Mount and Belt Guard Update Guide



# Falk Quadrive Motor Mount Update Guide

I have a new application and I need a motor mount...

Unit Size	NEMA Frame Size					
	56-215	254-256	284-286	324-326	364-365	404-405
5107	7708118	-	-	-	-	-
5115	7708120	7708122	-	-	-	-
5203	7708124	7708126	7708126	-	-	-
5207	7708127	7708128	7708128	7708129	-	-
5215	7708130	7708131	7708131	7708132	7708132	-
5307	7708133	7708134	7708134	7708135	7708135	7708136
5315	7708133	7708134	7708134	7708135	7708135	7708136

I am already buying a motor mount, what is my new part number?

Unit Size	<i>If you were buying this...</i>		<i>...now you will buy this:</i>	
	Description	Part Number	Description	Part Number
5107	MM5107J-1	738714	MM5107J-1	7708118
5115	MM5115J-1	738715	MM5115J-1	7708120
5115	MM5115J-2	786773	MM5115J-2	7708122
5203	MM5203J-1	738716	MM5203J-1	7708124
5203	MM5203J-2	786108	MM5203J-2	7708126
5207	MM5207J-1	738718	MM5207J-1	7708127
5207	MM5207J-2	786176	MM5207J-2	7708128
5207	MM5207J-2	786176	MM5207J-3	7708129
5215	MM5215J-1	738720	MM5215J-1	7708130
5215	MM5215J-2	786261	MM5215J-2	7708131
5215	MM5215J-2	786261	MM5215J-3	7708132
5307	MM5307J-1	738468	MM5307J-1	7708133
5307	MM5307J-2	786373	MM5307J-2	7708134
5307	MM5307J-2	786373	MM5307J-3	7708135
5307	MM5307J-2	786373	MM5307J-4	7708136
5315	MM5315J-1	738468	MM5315J-1	7708133
5315	MM5315J-2	786373	MM5315J-2	7708134
5315	MM5315J-2	786373	MM5315J-3	7708135
5315	MM5315J-2	786373	MM5315J-4	7708136



# Falk Quadrive Belt Guard Selection Guide

I have a new application and need a belt guard...

## Selecting a Belt Guard Normally

1. Determine the unit to be used
2. Determine the mounting height (CSML)
3. Determine the NEMA motor frame size
4. Determine the maximum sheave diameter (<11" or <17")

5107			
Height	Motor	Sheave < 11"	Sheave < 17"
C	56-215	28	-
SML	56-215	36N	36W

5115			
Height	Motor	Sheave < 11"	Sheave < 17"
C	56-184	28	-
C	213-256	36N	36W
S	56-256	36N	36W
M	56-215	36N	42W
M	254-256	42N	42W
L	56-215	42N	42W
L	254-256	48N	48W

5203			
Height	Motor	Sheave < 11"	Sheave < 17"
C	56-184	28	-
C	213-286	36N	36W
S	56-215	36N	36W
S	254-256	36N	42W
S	284-286	42N	42W
M	56-145	36N	42W
M	182-286	42N	42W
L	56-145	42N	42W
L	182-215	42N	48W
L	254-286	48N	48W

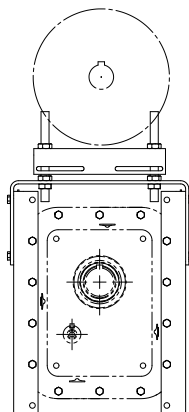
5207			
Height	Motor	Sheave < 11"	Sheave < 17"
S	56-184	36N	36W
S	213-256	36N	42W
S	284-326	42N	42W
M	56-145	36N	42W
M	182-256	42N	42W
M	284-326	42N	48W
L	56-184	42N	48W
L	213-326	48N	48W

5215			
Height	Motor	Sheave < 11"	Sheave < 17"
S	56-215	36N	42W
S	254-326	42N	42W
S	364-365	42N	48W
M	56-145	42N	42W
M	182-215	42N	48W
M	254-365	48N	48W
L	56-215	48N	48W
L	254-256	48N	54
L	284-365	-	54

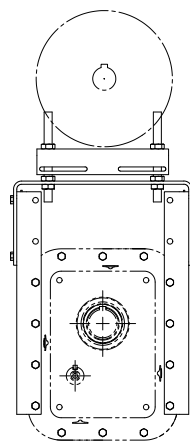
5307 or 5315			
Height	Motor	Sheave < 11"	Sheave < 17"
S	56-215	42N	42W
S	254-286	42N	48W
S	324-405	48N	48W
M	56-145	42N	48W
M	182-286	48N	48W
M	324-405	48N	54
L	56-215	48N	54
L	254-405	-	54

## Unit Height:

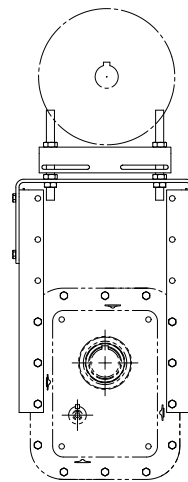
See document 371-110 Falk Quadrive Shaft-Mounted Drives Catalog for maximum and minimum shaft center dimensions for each mounting height and unit size.



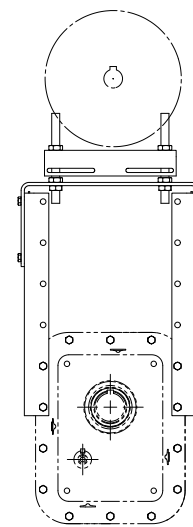
Compact (C)



Small (S)



Medium (M)



Large (L)

# Falk Quadrive Belt Guard Update Guide



I am already buying a belt guard, what is my new part number?

## Retrofit Guide for Belt Guard

1. Search for the existing belt guard in the **Blue columns**
2. Determine if a wide or normal belt guard is required based on the application sheave diameter
3. If you are currently using a size "14E" note that there are now smaller sizes to choose from

Drive Size	<i>If you were buying this...</i>	<i>If it was too big?...now you can buy this:</i>
	<b>(14E) 13.5 x 42.5 x 5 for sheave dia's ≤ 11"</b>	<b>(28) 12 x 28 x 5 for sheave dia's ≤ 11"</b>
5107	783719	7708137
5115	783723	7708137
5203	783729	7708137

Drive Size	<i>If you were buying this...</i>	<i>...outside dimensions are similar to this:</i>	
	<b>(14E) 13.5 x 42.5 x 5</b>	<b>(36N) 12 x 36 x 5 for sheave dia's ≤ 11"</b>	<b>(36W) 19 x 36 x 5 for sheave dia's ≤ 17"</b>
5107	783719	7708138	7708139
5115	783723	7708138	7708139
5203	783729	7708138	7708139
5207	783737	7708138	7708139
5215	783745	7708138	7708139

Drive Size	<i>If you were buying this...</i>	<i>...outside dimensions are similar to this:</i>	
	<b>(15E) 18.5 x 47.25 x 6</b>	<b>(42N) 14 x 42 x 6 for sheave dia's ≤ 11"</b>	<b>(42W) 19 x 42 x 6 for sheave dia's ≤ 17"</b>
5107	783721	7708140	7708141
5115	783725	7708140	7708141
5203	783731	7708140	7708141
5207	783739	7708140	7708141
5215	783747	7708140	7708141

Drive Size	<i>If you were buying this...</i>	<i>...outside dimensions are similar to this:</i>	
	<b>(16E) 18.5 x 52.12 x 6</b>	<b>(48N) 14 x 48 x 6 for sheave dia's ≤ 11"</b>	<b>(48W) 19 x 48 x 6 for sheave dia's ≤ 17"</b>
5115	783727	*	*
5203	783733	7708142	7708143
5207	783741	7708142	7708143
5215	783749	7708142	7708143
5307	783755	*	7708143
5315	783761	*	7708143

\* Consult Factory.

Drive Size	<i>If you were buying this...</i>	<i>...outside dimensions are similar to this:</i>
	<b>(17E) 19.5 x 55.62 x 6 for sheave dia's ≤ 18"</b>	<b>(54) 19 x 54 x 6 for sheave dia's ≤ 17"</b>
5203	783735	7708144
5207	783743	7708144
5215	783751	7708144
5307	783757	7708144
5315	783763	7708144
5203	783729	7708137

Drive Size	<i>If you were buying this...</i>	<i>...outside dimensions are similar to this:</i>
	<b>(19E) 23.5 x 65 x 9.25 for sheave dia's ≤ 23"</b>	<b>(54) 19 x 54 x 6 for sheave dia's ≤ 17"</b>
5215	783753	7708144
5307	783759	7708144
5315	783765	7708144

I need a belt guard to fit my existing motor mount, what is my new part number?

Drive Size	<i>If you have this motor mount...</i>	<i>...you'll need this bracket &amp; hardware to fit a new belt guard:</i>
5107	738714	10612255
5115	738715 786773	10613926
5203	738716 786108	10613927
5207	738718 786176	10613928
5215	738720 786261	10613929
5307/ 5315	738468 786373	10613930