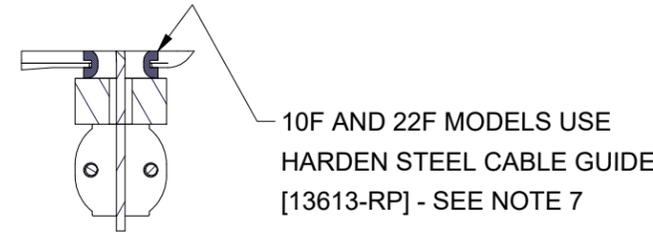


- NOTES:**
- RETRACTORS ARE 100% INSPECTED & PRE-TENSIONED TO MINIMUM WEIGHT RANGE AT FACTORY. ADJUST TENSION IF NECESSARY.
 - STEEL HOUSINGS HAVE A POWDER COATED FINISH TO MEET HARSH INDUSTRIAL ENVIRONMENTS.
 - ALWAYS READ INSTRUCTION MANUAL BEFORE USING RETRACTORS.
 - RETRACTORS ARE NOT TO BE USED AS BALANCERS, THEIR MAIN PURPOSE BEING TO RETRACT A LOAD AND NOT TO BALANCE ONE.
 - STANDARD RETRACTORS DO NOT COME EQUIPPED WITH A SAFETY CABLE. IF APPLICATION REQUIRES A SAFETY CABLE ADD "SC" SUFFIX TO STANDARD PART NUMBER. EXAMPLE 10FSC.
 - WHEN MOUNTING RETRACTOR, ALWAYS MAKE SURE THAT SAFETY PIN WHICH COMES WITH SHACKLE IS INSTALLED & SECURED.
 - RETRACTORS 10 / 22FLR-NC-P COMES WITH PLASTIC CABLE GUIDE AND NYLON COATED STEEL CABLE ASSEMBLED TOGETHER. 10F AND 22F USE HARDEN STEEL CABLE GUIDE [ITEM 6] AND STANDARD F SERIES STEEL CABLE.
 - PREVIOUS DRAWING NUMBER # SD-130175-002.
 - DIMENSIONS ARE FOR REFERENCE ONLY.
 - CONTACT TECH-SUPPORT FOR MORE INFORMATION:
techsupport@aero-motive.com

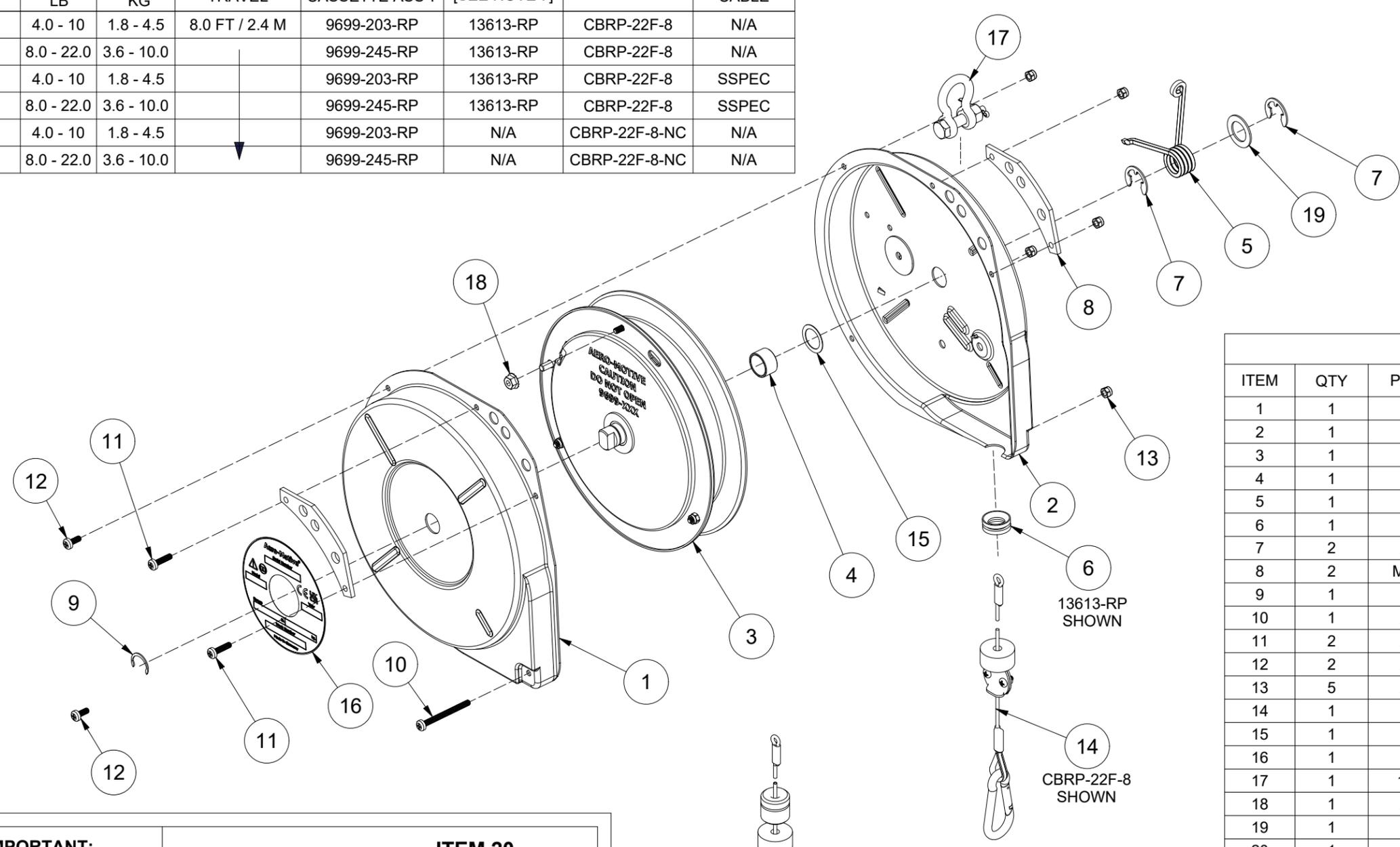
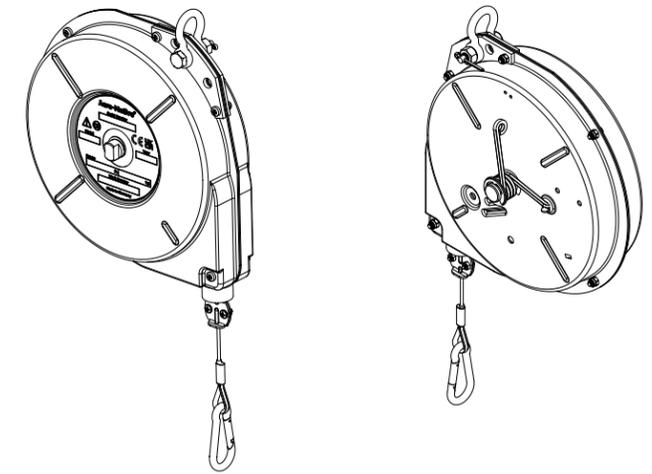


SECTION A-A

>> SEE NOTE 7 <<
RETRACTORS 10/22F-NC-P COMES WITH PLASTIC CABLE GUIDE AND NYLON COATED STEEL CABLE ASSEMBLED TOGETHER

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO Aero-Motive GmbH AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
QUALITY SYMBOLS	ECN DESCRIPTION: DRAWING MIGRATION TO A-M			DIMENSION UNITS		SCALE			
	-----			INCH / mm		NTS			
$\nabla_s = 0$ $\blacktriangledown = 0$ $\nabla_c = 0$	ECN NUMBER: AM2021-0018			GENERAL TOLERANCES (UNLESS SPECIFIED)		Applicable Standards ASME Y14.5M ISO 1660		DESCRIPTION	
	DRAWN: MCHOJECKI 2021-06-16			4 PLACE ± --- ± ---		mm INCH		10F / 22F SERIES OF RETRACTORS	
CHECKED: MCHOJECKI 2021-06-16			3 PLACE ± --- ± ---				SALES DRAWING		
APPROVED: RHOTCA 2021-06-16			2 PLACE ± --- ± ---				DOCUMENT NO.		
INITIAL REVISION:			1 PLACE ± --- ± ---				SD-XXF-001		
DRAWN: RHOTCA 2009-09-17			0 PLACE ± --- ± ---				REVISION		
APPROVED: DTITUS 2009-09-24			ANGULAR TOL. ± ---'				C1		
OLD MAT. NUMBER	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE	THIRD ANGLE PROJECTION		CUSTOMER		SHEET NUMBER	
N/A			B-SIZE			GENERAL MARKET		1 of 2	

RETRACTOR MODEL	WEIGHT RANGE		ACTIVE CABLE TRAVEL	ITEM 3 SPRING CASSETTE ASS'Y	ITEM 6 CABLE GUIDE [SEE NOTE 7]	ITEM 14 CABLE ASS'Y	ITEM 20 SAFETY CABLE
	LB	KG					
10F	4.0 - 10	1.8 - 4.5	8.0 FT / 2.4 M	9699-203-RP	13613-RP	CBRP-22F-8	N/A
22F	8.0 - 22.0	3.6 - 10.0		9699-245-RP	13613-RP	CBRP-22F-8	N/A
10FSC	4.0 - 10	1.8 - 4.5		9699-203-RP	13613-RP	CBRP-22F-8	SSPEC
22FSC	8.0 - 22.0	3.6 - 10.0		9699-245-RP	13613-RP	CBRP-22F-8	SSPEC
10F-NC-P	4.0 - 10	1.8 - 4.5		9699-203-RP	N/A	CBRP-22F-8-NC	N/A
22F-NC-P	8.0 - 22.0	3.6 - 10.0		9699-245-RP	N/A	CBRP-22F-8-NC	N/A



BILL OF MATERIALS			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	9621-1-1-RP	HOUSING PLAIN SIDE - POWDER BLUE
2	1	9681-1-1-RP	HOUSING TENSION SIDE - POWDER BLUE
3	1	SEE CHART	SPRING CASSETTE ASSEMBLY
4	1	9611-1-RP	MAIN SHAFT SPACER
5	1	9616UK-RP	TENSION LOCK SPRING
6	1	SEE CHART	CABLE GUIDE OUTLET
7	2	AG10310-RP	CIRCLIP
8	2	M62710002-RP	UPPER MOUNT BRACKET
9	1	580-P-35-RP	EXTERNAL RETAINING RING
10	1	AG14614-RP	SCREW - POZI PHILLIPS HEAD - [M4] x LG[45]
11	2	AG14613-RP	SCREW - POZI PHILLIPS HEAD - [M4] x LG[16]
12	2	AG14612-RP	SCREW - POZI PHILLIPS HEAD - [M4] x LG[10]
13	5	AG14615-RP	M4 NYLOC NUT PLATED
14	1	SEE CHART	CABLE ASSEMBLY
15	1	14099-RP	WASHER
16	1	N/A	GLOBAL ROUND LABEL
17	1	1240-P-10-RP	SHACKLE ASSEMBLY
18	1	AG18723-RP	M4 WHIZZ NUT
19	1	9813-RP	SPACER WASHER
20	1	SEE CHART	SAFETY CABLE KIT

IMPORTANT:

MODELS THAT REQUIRE SAFETY CABLE KIT ARE IDENTIFIED WITHIN THE MAIN MODEL CHART.

MODELS THAT REQUIRE A SAFETY CABLE HAVE A "SC" SUFFIX ADDED TO PART NUMBER. EXAMPLE 10F vs. 10FSC.

SAFETY CABLE KIT IS PACKED LOOSE [NOT ASSEMBLED AS SHOWN] IN A SEPARATE PLASTIC BAG WITH IT'S OWN LABEL.

ITEM 20

SAFETY CABLE KIT FOR 10F / 22F SERIES OF RETRACTORS

QUALITY SYMBOLS 	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO Aero-Motive GmbH AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
	ECN DESCRIPTION: DRAWING MIGRATION TO A-M		DIMENSION UNITS: INCH / mm	
	ECN NUMBER: AM2021-0018		SCALE: NTS	
	DRAWN: MCHOJECKI 2021-06-16		GENERAL TOLERANCES (UNLESS SPECIFIED): mm INCH	
CHECKED: MCHOJECKI 2021-06-16		APPLICABLE STANDARDS: ASME Y14.5M ISO 1660		
APPROVED: RHOTCA 2021-06-16		DESCRIPTION		
INITIAL REVISION:		Aero-Motive®		
DRAWN: RHOTCA 2009-09-17		10F / 22F SERIES OF RETRACTORS		
APPROVED: DTITUS 2009-09-24		SALES DRAWING		
OLD MAT. NUMBER: N/A		DOCUMENT NO. SD-XXF-001		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		REVISION: C1		
SIZE: B-SIZE		CUSTOMER: GENERAL MARKET		
THIRD ANGLE PROJECTION		SHEET NUMBER: 2 of 2		