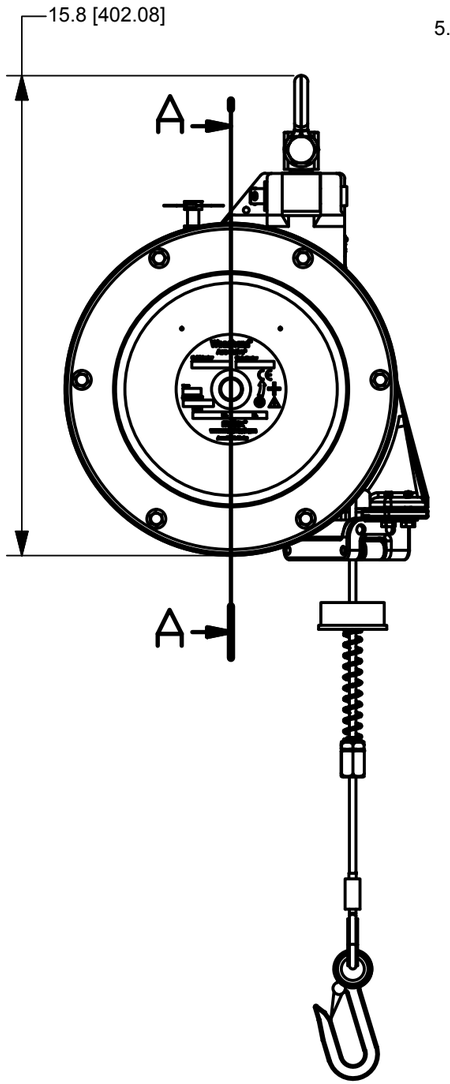


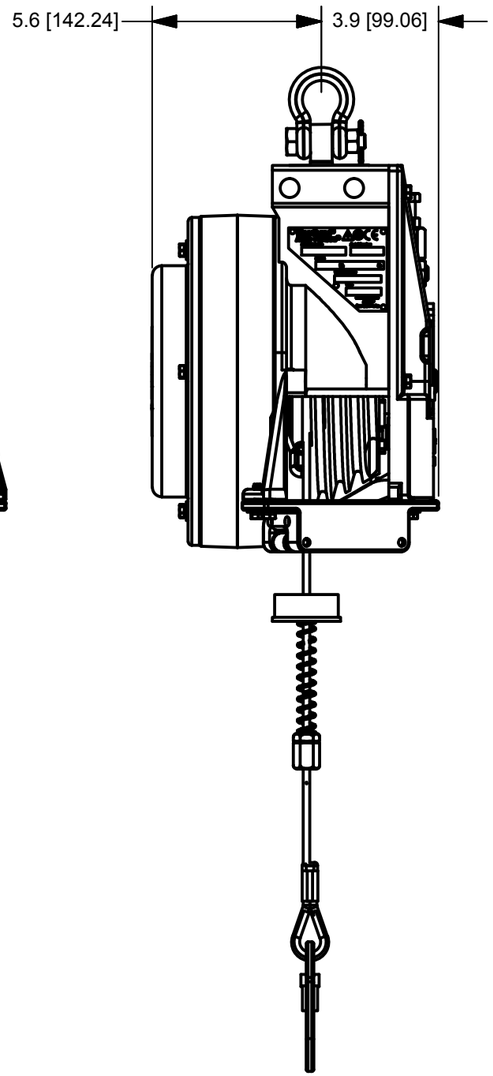


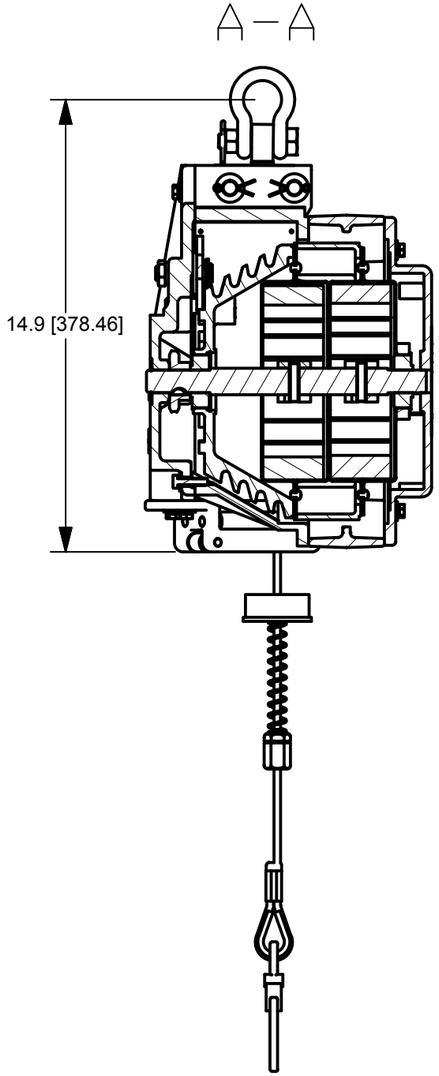


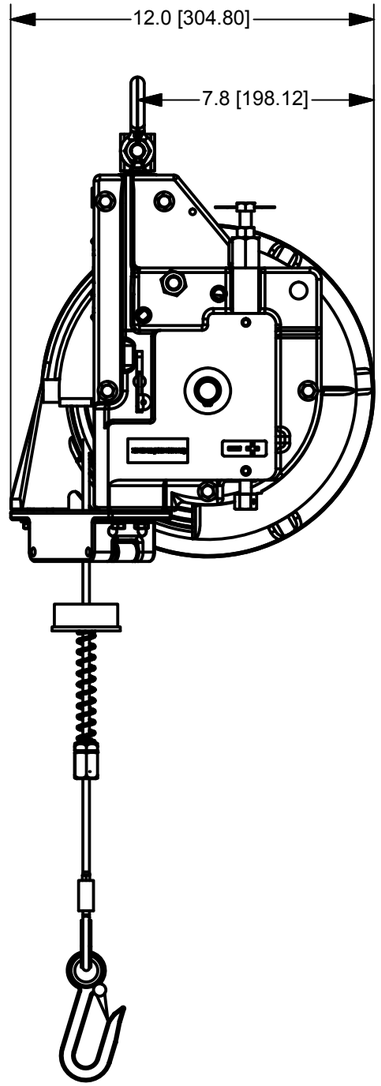


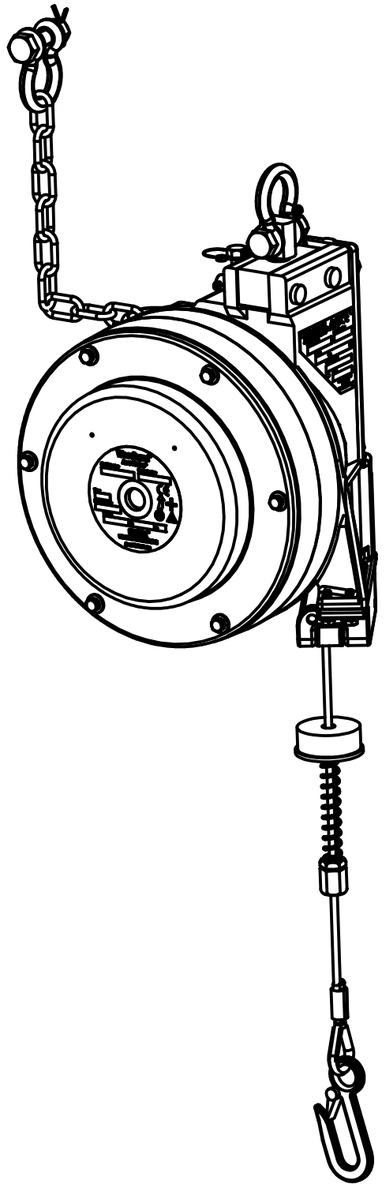

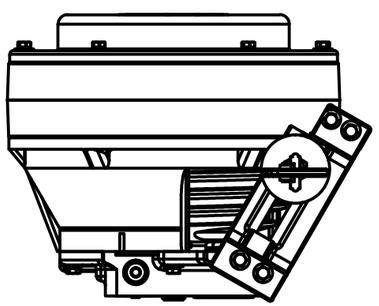

ALL DIMENSIONS ARE FOR REFERENCE ONLY.

| | | | |
|---|---|---|---|
| SEE SHEET 3 & 4 | | | — |
| EC NO: IPG2017-0163 | | | |
| DRWN: VOU | 2016/08/24 | | |
| CH'KD: DNGUYEN | 2016/08/26 | | |
| APPR: JFMURPHY | | DESCRIPTION | |
| B | | REV | |

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±--- | ±--- |
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| ANGULAR ±.5° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: INCH [MM]
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: VOU DATE: 2016/08/24
CHECKED BY: DT DATE: 2009/02/26
APPROVED BY: --- DATE: ---

TITLE: KA BALANCER SERIES SPECIFICATIONS ----

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-130172-002
SHEET NO.: 1 OF 7

SIZE: B

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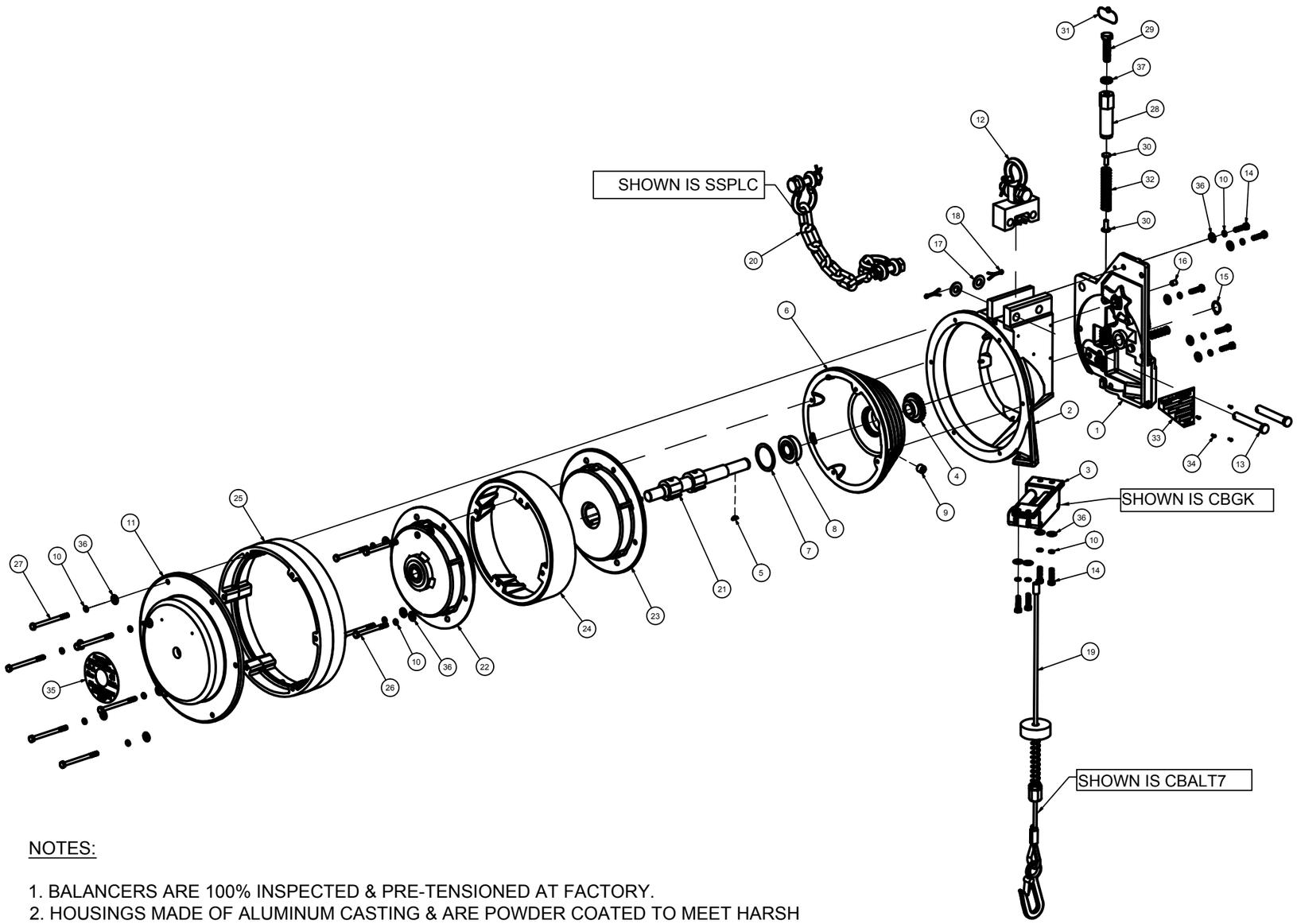


| ITEM | MATERIAL NUMBER | ENGINEERING NUMBER | ITEM DESCRIPTION |
|---|---|---|---|
| 1 | SEE CHART | SEE CHART | BASE SUB-ASSEMBLY - POWDER BLUE |
| 2 | 1301792332 | 59075HP-STND-BL | J/K BAL MAIN HOUSING - POWDER BLUE |
| 3 | 1301790283 | CBGK | CABLE GUIDE ASSY FOR KA BALANCERS |
| 4 | 1301790476 | 31058 | MAIN SHAFT GEAR |
| 5 | 1301790109 | 751-P-10 | WOODRUFF KEY |
| 6 | SEE CHART | SEE CHART | DRUM ASSY FOR KA BALANCERS |
| 7 | 1301790094 | 581-P-70 | INTERNAL RETAINING RING |
| 8 | 1301790080 | 376-P-10 | FLANGE BEARING |
| 9 | 1301790113 | 827-P-10 | 1/4"NPTx7/16"LG PIPE PLUG |
| 10 | 1301790003 | 101-P-30 | 1/4-SPLIT LOCK WASHER |
| 11 | 1301790668 | 31368-1 | J/K COVER - POWDER BLUE |
| 12 | SEE CHART | SEE CHART | UPPER SHACKLE ASSY FOR KA BALANCER |
| 13 | 1301790012 | 1235-P-2 | CLEVIS PIN |
| 14 | 1301790171 | AG19321 | M6X22LG HEX HD BOLT |
| 15 | 1301790151 | AG12175 | EXTERNAL RETAINING RING FOR J/K SHAFT |
| 16 | 1301790149 | AG12167 | M8X1.25 - 10LG SKT SCREW J/K BAL |
| 17 | 1301790146 | AG10220 | M12 PLAIN WASHER 24mm O.D. BZP |
| 18 | 1301790027 | 228-P-12 | PIN SPLIT 1/8 x 1.0 - BZP |
| 19 | SEE CHART | SEE CHART | CABLE ASSEMBLY FOR KA BALANCERS |
| 20 | SEE CHART | SEE CHART | SECONDARY SUPPORT KA BALANCERS |
| 21 | 1301790491 | 31240-1 | MAINSHAFT ASSY FOR KA BALANCERS |
| 22 | SEE CHART | SEE CHART | OUTER SPRING ASSY FOR KA BALANCER |
| 23 | SEE CHART | SEE CHART | INNER SPRING ASSY FOR KA BALANCER |
| 24 | 1301790489 | 31239-1 | SPRINGS SEPARATOR RING - KA BALANCER |
| 25 | 1301790523 | 59078-1 | KA HOUSING EXTENSION - POWDER BLUE |
| 26 | 1301790535 | AG12171 | M6X70LG HEX HEAD BOLT |
| 27 | 1301790537 | AG12188 | M6X80LG HEX HEAD BOLT |
| 28 | 1301790494 | 31246-UK | SPRING RETAINER FOR KA BALANCER |
| 29 | 1301790565 | AG12174-1 | DRILLED AG12174 - FOR SAFETY SPRING |
| 30 | 1301790496 | 31268 | SEAT SPRING FOR J/K BALANCERS |
| 31 | 1301790516 | 37384 | LEAD SEAL WITH LOCK - FOR KA BALANCER |
| 32 | SEE CHART | SEE CHART | COMPRESSION SPRING |
| 33 | 1302264665 | AG10002 | GLOBAL TRAPEZ LABEL |
| 34 | 1301790112 | 76-P-30-SS | #2 X 1/4 LONG, TYPE-U DRIVE SCREW SS |
| 35 | 1302280761 | M13060124 | ROUND WHITE GLOBAL LABEL |
| 36 | 1301790015 | 126-P-50 | WASHER-[.28in ID]x[.63in OD]x[.06in TK] |
| 37 | 1301790533 | AG12169 | M10 X 1.5 LOCK NUT |

FOR INDIVIDUAL REPAIR PART NUMBERS PLEASE CONTACT YOUR LOCAL SALES REP.

NOTES:

1. BALANCERS ARE 100% INSPECTED & PRE-TENSIONED AT FACTORY.
2. HOUSINGS MADE OF ALUMINUM CASTING & ARE POWDER COATED TO MEET HARSH INDUSTRIAL ENVIRONMENTS.
3. ALWAYS READ INSTRUCTIONS MANUAL BEFORE USING BALANCERS.
4. BALANCERS ARE NOT TO BE USED AS RETRACTORS. THEIR MAIN PURPOSE IS TO BALANCE A LOAD AND NOT TO RETRACT ONE.
5. OVERALL DIMENSIONS ARE FOR REFERENCE ONLY.
6. STANDARD CATALOG BALANCERS ARE EQUIPPED WITH SAFETY CHAIN BUT IF APPLICATION REQUIRES NO SAFETY CHAIN ADD "D" SUFFIX TO STANDARD BALANCER P/N: EXAMPLE 125KAD
7. WHEN MOUNTING BALANCER, ALWAYS MAKE SURE THE SAFETY PIN THAT COMES WITH THE SHACKLE IS INSTALLED & SECURED.

SEE SHEET 3 & 4
EC NO: IPG2017-0163 2016/08/24
DRWN: VOU 2016/08/26
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APPR: JFMURPHY

| REV | DESCRIPTION |
|---|---|
| B | — |

QUALITY SYMBOLS
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| | mm | INCH |
|---|---|---|
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SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: VOU DATE: 2016/08/24
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MATERIAL NO.: SEE CHART

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MOLEX INCORPORATED

DOCUMENT NO.: SD-130172-002
SHEET NO.: 2 OF 7

SIZE: B

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# BALANCER MODEL: / LOAD CAPACITY CHART: / ITEMS INDEX AS PER BOM TABLE USED BY EACH MODEL:

| MATERIAL NUMBER | MODEL NUMBER | WIEGHT RANGE FOR EACH BALANCER MODEL: IN LBS | IN KGS | ITEM #1: MATERIAL NUMBER | ITEM #6: MATERIAL NUMBER | ITEM #22: MATERIAL NUMBER | ITEM #23 MATERIAL NUMBER | ITEM #32: MATERIAL NUMBER | ITEM 12 SHACKLE ASSY USED BY EACH MODEL: MATERIAL NUMBER | REPAIR KIT NUMBER | ITEM 19 CABLE ASSEMBLY USED BY EACH MODEL: MATERIAL NUMBER | REPAIR KIT NUMBER | CABLE LENGTH | ITEM 20 SAFETY CHAIN USED BY EACH MODEL: MATERIAL NUMBER | REPAIR KIT NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1301720875 | 115KA | 85 - 115 | 38 - 52 | 1301790587 | 1301790610 | 1301792397 | 1301792407 | 1301790492 | 1301790335 | UHKKS | 1301790280 | CBALT7 | 7 FEET | 1301790329 | SSPLC |
| 1301720785 | 125KA | 115 - 125 | 52 - 57 | | | 1301792398 | 1301792408 | 1301790492 | | | | | | | |
| 1301720786 | 145KA | 124 - 145 | 56 - 66 | | | 1301792399 | 1301792409 | 1301790493 | | | | | | | |
| 1301720787 | 165KA | 143 - 165 | 65 - 75 | | | 1301792400 | 1301792410 | 1301790493 | | | | | | | |
| 1301720788 | 175KA | 159 - 175 | 72 - 79 | | | 1301792401 | 1301792411 | 1302261318 | | | | | | | |
| 1301720098 | 200KA | 175 - 200 | 79 - 91 | | | 1301792402 | 1301792412 | 1302261318 | | | | | | | |
| 1301720116 | 220KA | 200 - 220 | 91 - 100 | | | 1301790712 | 1301790722 | 1302261318 | | | | | | | |
| 1301720124 | 240KA | 220 - 243 | 100 - 110 | 1301790587 | 1301790610 | 1301790713 | 1301790723 | 1302261318 | | | 1301790280 | CBALT7 | 7 FEET | | |
| 1301720313 | 9110KA | 80 - 110 | 36 - 50 | 1301794778 | 1301790611 | 1301792403 | 1301792413 | 1301790492 | | | 1301790281 | CBALT9 | 9 FEET | | |
| 1301720320 | 9120KA | 115 - 126 | 52 - 57 | 1301794778 | 1301790611 | 1301792404 | 1301792414 | 1301790492 | | | 1301790281 | CBALT9 | 9 FEET | | |
| 1301720325 | 9140KA | 125 - 130 | 56 - 58 | 1301794778 | 1301790611 | 1301792405 | 1301792415 | 1301790493 | | | 1301790281 | CBALT9 | 9 FEET | | |
| 1301720330 | 9150KA | TBD - 145 | TBD - 66 | 1301794778 | 1301790611 | 1301792406 | 1301792416 | 1301790493 | | | 1301790281 | CBALT9 | 9 FEET | | |
| 1301720822 | 125KAD | 115 - 125 | 52 - 57 | 1301790587 | 1301790610 | 1301792398 | 1301792408 | 1301790492 | | | 1301790280 | CBALT7 | 7 FEET | | |
| 1301720829 | 145KAD | 124 - 145 | 61 - 65 | | | 1301792399 | 1301792409 | 1301790493 | | | | | | | |
| 1301710248 | 200KAD | 175 - 200 | 79 - 91 | | | 1301792402 | 1301792412 | 1302261318 | | | | | | | |
| 1301710249 | 220KAD | 200 - 220 | 91 - 100 | 1301790587 | 1301790610 | 1301790712 | 1301790722 | 1302261318 | 1301790335 | UHKKS | 1301790280 | CBALT7 | 7 FEET | 1301790329 | SSPLC |

**IMPORTANT NOTE:**

**PLEASE NOTE THAT MODELS WITHOUT A SAFETY CHAIN OR "KAD" SERIES ARE NOT AVAILABLE FOR SALE IN NORTH AMERICA. THESE SERIES ARE AVAILABLE FOR SALE ONLY IN EU STATES.**

SEE SHEET 3 & 4
EC NO: IPG2017-0163 2016/08/24
DRWN: VOU 2016/08/24
CHKD: DNGUYEN 2016/08/26
APPR: JFMURPHY
DESCRIPTION
REV: B

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±.005 |
| 2 PLACES | ±0.13 | ±.010 |
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: INCH [MM]
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: VOU DATE: 2016/08/24
CHECKED BY: DT DATE: 2009/02/26
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TITLE: KA BALANCER SERIES SPECIFICATIONS ----

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-130172-002
SHEET NO.: 3 OF 7
SIZE: B

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# ITEMS INDEX AS PER BOM TABLE USED BY EACH MODEL:

| BALANCER MODEL: MATERIAL NUMBER | BALANCER MODEL: MODEL NUMBER | LOAD CAPACITY CHART: WIEGHT RANGE FOR EACH BALANCER MODEL: IN LBS | LOAD CAPACITY CHART: WIEGHT RANGE FOR EACH BALANCER MODEL: IN KGS | ITEM #1: MATERIAL NUMBER | ITEM #6: MATERIAL NUMBER | ITEM #22: MATERIAL NUMBER | ITEM #23 MATERIAL NUMBER | ITEM #32: MATERIAL NUMBER | ITEM 12 SHACKLE ASSY USED BY EACH MODEL: MATERIAL NUMBER | ITEM 12 SHACKLE ASSY USED BY EACH MODEL: REPAIR KIT NUMBER | ITEM 19 CABLE ASSEMBLY USED BY EACH MODEL: MATERIAL NUMBER | ITEM 19 CABLE ASSEMBLY USED BY EACH MODEL: REPAIR KIT NUMBER | ITEM 19 CABLE ASSEMBLY USED BY EACH MODEL: CABLE LENGTH | ITEM 20 SAFETY CHAIN USED BY EACH MODEL: MATERIAL NUMBER | ITEM 20 SAFETY CHAIN USED BY EACH MODEL: REPAIR KIT NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1301720876 | 115KAB | 84 - 115 | 38 - 52 | 1301790587 | 1301790610 | 1301792397 | 1301792407 | 1301790492 | 1301790335 | UHKKS | 1301790278 | CBALB7 | 7 FEET | 1301790329 | SSPLC |
| 1301720818 | 125KAB | 115 - 125 | 52 - 57 | ▼ | ▼ | 1301792398 | 1301792408 | 1301790492 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720826 | 145KAB | 124 - 145 | 56 - 66 | ▼ | ▼ | 1301792399 | 1301792409 | 1301790493 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720835 | 165KAB | 143 - 165 | 65 - 75 | ▼ | ▼ | 1301792400 | 1301792410 | 1301790493 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720844 | 175KAB | 159 - 175 | 72 - 79 | ▼ | ▼ | 1301792401 | 1301792411 | 1302261318 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720719 | 200KAB | 175 - 200 | 79 - 91 | ▼ | ▼ | 1301792402 | 1301792412 | 1302261318 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720877 | 115KABC | 84 - 115 | 38 - 52 | ▼ | ▼ | 1301792397 | 1301792407 | 1301790492 | ▼ | ▼ | 1301794890 | CBALBC7 | 7 FEET | ▼ | ▼ |
| 1301720819 | 125KABC | 115 - 125 | 52 - 57 | ▼ | ▼ | 1301792398 | 1301792408 | 1301790492 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720827 | 145KABC | 124 - 145 | 56 - 66 | ▼ | ▼ | 1301792399 | 1301792409 | 1301790493 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720836 | 165KABC | 143 - 165 | 65 - 75 | ▼ | ▼ | 1301792400 | 1301792410 | 1301790493 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720845 | 175KABC | 159 - 175 | 72 - 79 | ▼ | ▼ | 1301792401 | 1301792411 | 1302261318 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720853 | 200KABC | 175 - 200 | 79 - 91 | ▼ | ▼ | 1301792402 | 1301792412 | 1302261318 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720453 | 220KABC | 200 - 220 | 91 - 100 | ▼ | ▼ | 1301790712 | 1301790722 | 1302261318 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720454 | 240KABC | 220 - 243 | 100-110 | 1301790587 | 1301790610 | 1301790713 | 1301790723 | 1302261318 | 1301790335 | UHKKS | 1301794890 | CBALBC7 | 7 FEET | 1301790329 | SSPLC |

SEE SHEET 3 & 4
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B

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-130172-002
SHEET NO.: 4 OF 7

SIZE: B

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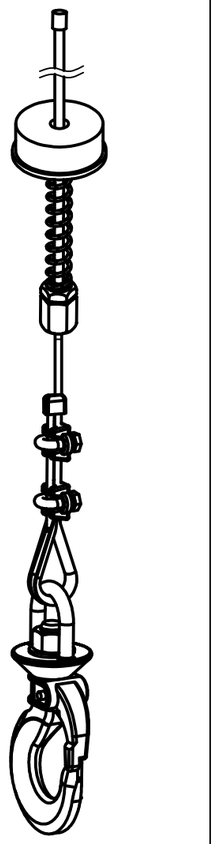
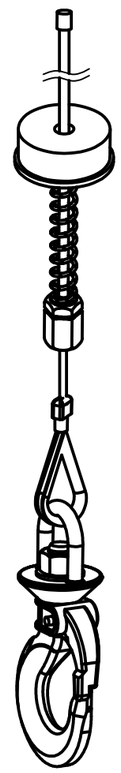
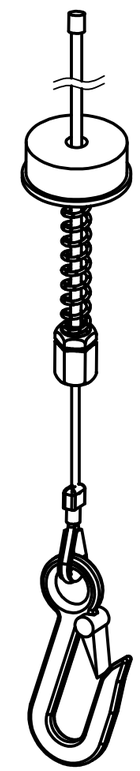
| CABLE ASSY - 7 & 9FT W/BULLARD HOOK & ADJUSTABLE CLAMPS: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301794890 | CBALBC7 |
| 1301794891 | CBALBC9 |



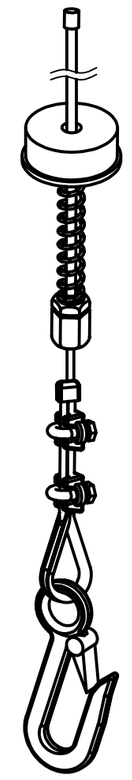
| CABLE ASSY - 7 & 9FT W/BULLARD HOOK HARD SWAGED: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790278 | CBALB7 |
| 1301790279 | CBALB9 |



| CABLE ASSY - 7 & 9FT W/EYE HOOK & CLIP HARD SWAGED: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790280 | CBALT7 |
| 1301790281 | CBALT9 |



| CABLE ASSY - 7 & 9FT W/EYE HOOK & CLIP ADJUSTABLE CLAMPS: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301794892 | CBALTC7 |
| 1301794893 | CBALTC9 |



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SIZE: B

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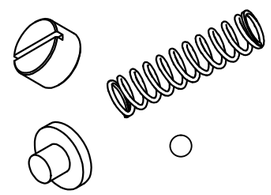
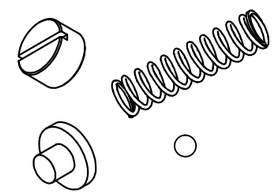
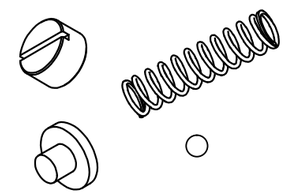
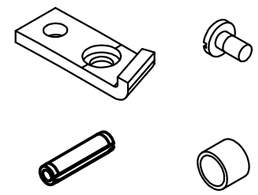
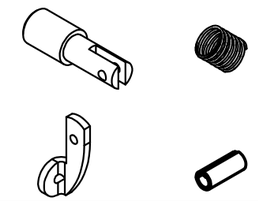
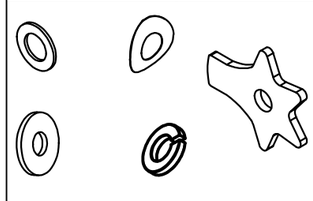
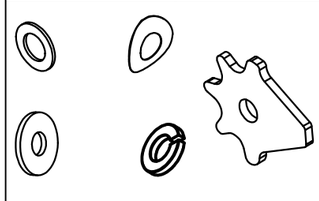
# DROP STOP ACTUATOR REPAIR KITS:

| MATERIAL NUMBER | REPAIR KIT NUMBER | MATERIAL NUMBER | REPAIR KIT NUMBER | MATERIAL NUMBER | REPAIR KIT NUMBER |
|---|---|---|---|---|---|
| 1301790299 | DSAKA | 1301790300 | DSAKB | 1301790301 | DSAKC |
|  | |  | |  | |
| USED FOR REPAIRS ON FOLLOWING MODELS: | | USED FOR REPAIRS ON FOLLOWING MODELS: | | USED FOR REPAIRS ON FOLLOWING MODELS: | |
| MODEL NUMBERS | | MODEL NUMBERS | | MODEL NUMBERS | |
| 115KA, & VARIATIONS | | 145KA, & VARIATIONS | | 175KA, & VARIATIONS | |
| 125KA, & VARIATIONS | | 165KA, & VARIATIONS | | 200KA, & VARIATIONS | |
| | | | | 220KA, & VARIATIONS | |
| | | | | 240KA, & VARIATIONS | |

| DROP STOP LEVER REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790302 | DSLK |
|  | |
| USED FOR REPAIRS ON FOLLOWING MODELS: | |
| MODEL NUMBER | |
| **ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE DROP STOP ASSY** | |
| **FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.** | |

| DRUM LOCK REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790288 | DLKK |
|  | |
| USED FOR REPAIRS ON FOLLOWING MODELS: | |
| MODEL NUMBER | |
| **ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE DRUM LOCK ASSY** | |
| **FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.** | |

| STAR WHEEL FOR 7FT TRAVEL - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790330 | STAL7 |
|  | |
| USED FOR REPAIRS ON FOLLOWING MODELS: | |
| MODEL NUMBER | |
| **ALL KA MODELS WITH A 7 FT TRAVEL WILL BE USING THIS REPAIR KIT TO REPLACE THE STAR WHEEL ASSY** | |
| **FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.** | |

| STAR WHEEL FOR 9FT TRAVEL - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790331 | STAL9 |
|  | |
| USED FOR REPAIRS ON FOLLOWING MODELS: | |
| MODEL NUMBER | |
| **ALL KA MODELS WITH A 9 FT TRAVEL WILL BE USING THIS REPAIR KIT TO REPLACE THE STAR WHEEL ASSY** | |
| **FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.** | |

FOR MORE DETAILS ON EVERY REPAIR KIT
PLEASE SEE THEIR ASSIGNED DRAWINGS.

FOR INDIVIDUAL REPAIR PART NUMBERS
PLEASE CONTACT YOUR LOCAL SALES REP.

SEE SHEET 3 & 4
EC NO: IPG2017-0163 2016/08/24
DRWN: VOU 2016/08/26
CH'KD: DNGUYEN
APPR: JFMURPHY
DESCRIPTION: --
REV: B

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

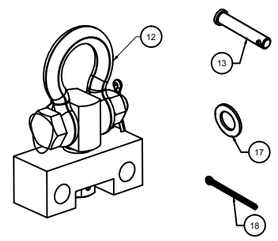
| | mm | INCH |
|---|---|---|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±.005 |
| 2 PLACES | ±0.13 | ±.010 |
| 1 PLACE | ±0.25 | ±.020 |
| ANGULAR ±.5° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: INCH [MM]
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION
DRAWN BY: VOU DATE: 2016/08/24
CHECKED BY: DT DATE: 2009/02/26
APPROVED BY: ---- DATE: ----
TITLE: KA BALANCER SERIES SPECIFICATIONS ----
molex MOLEX INCORPORATED
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-130172-002
SHEET NO.: 6 OF 7
SIZE: B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| UPPER SHACKLE ASSY FOR KA - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790335 | UHKKS |




USED FOR REPAIRS ON FOLLOWING MODELS:

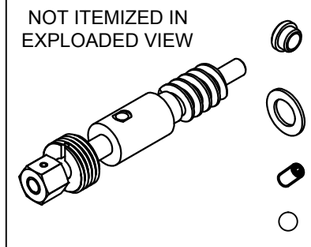
MODEL NUMBER

**ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE UPPER SHACKLE ASSY**

**FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

| WORK GEAR SHAFT ASSY FOR KA - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790340 | WRMK |

NOT ITEMIZED IN EXPLODED VIEW



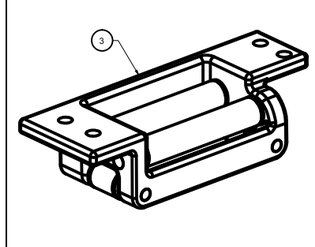
USED FOR REPAIRS ON FOLLOWING MODELS:

MODEL NUMBER

**ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE WORM SHAFT ASSY**

**FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

| CABLE GUIDE ASSEMBLY FOR KA - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790283 | CBGK |



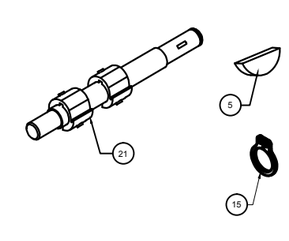

USED FOR REPAIRS ON FOLLOWING MODELS:

MODEL NUMBER

**ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE CABLE GUIDE ASSY**

**FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

| MAIN SHAFT ASSEMBLY FOR KA - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790325 | SHFK |



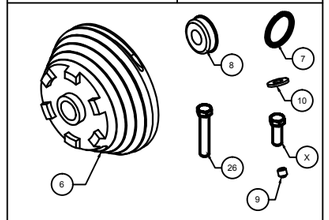

USED FOR REPAIRS ON FOLLOWING MODELS:

MODEL NUMBER

**ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE MAIN SHAFT ASSY**

**FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

| KA DRUM FOR 7FT & 9FT TRAVEL - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790291 | DRMK7 |
| 1301790292 | DRMK9 |




USED FOR REPAIRS ON FOLLOWING MODELS:

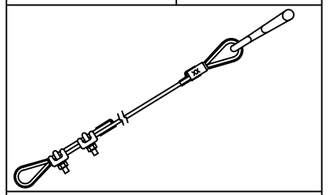
MODEL NUMBER

**ALL KA MODELS W/ 7FT TRAVEL WILL USE THE DRMK7.**

**ALL KA MODELS W/ 9FT TRAVEL WILL USE THE DRMK9.**

**FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

| OVERHANG CABLE EXTENSIONS FOR KA: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790420 | CBOL020 |
| 1301790421 | CBOL050 |
| 1301790422 | CBOL100 |



USED FOR REPAIRS ON FOLLOWING MODELS:

MODEL NUMBER

**ALL KA MODELS CAN USE THESE OVERHANG CABLES TO EXTEND THE TOOL OR LOAD REACH. THE OVERHANG CABLES WILL NOT INCREASE LOAD TRAVEL. FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

FOR MORE DETAILS ON EVERY REPAIR KIT
PLEASE SEE THEIR ASSIGNED DRAWINGS.

FOR INDIVIDUAL REPAIR PART NUMBERS
PLEASE CONTACT YOUR LOCAL SALES REP.

SEE SHEET 3 & 4
EC NO: IPG2017-0163 2016/08/24
DRWN: VOU
CHKD: DNGUYEN 2016/08/26
APPR: JFMURPHY
DESCRIPTION
REV: B

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±.005 |
| 2 PLACES | ±0.13 | ±.010 |
| 1 PLACE | ±0.25 | ±.020 |
| ANGULAR ±.5° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: INCH [MM]
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

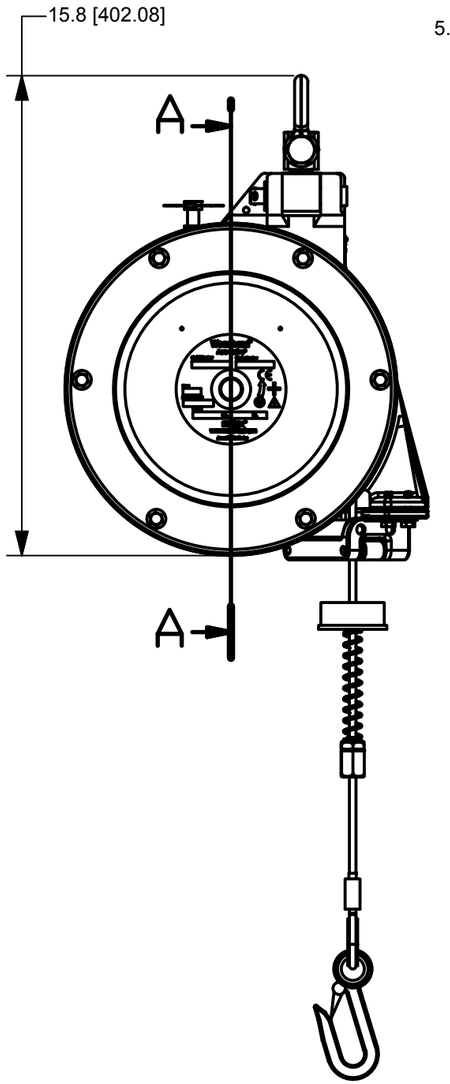
DRAWN BY: VOU DATE: 2016/08/24
CHECKED BY: DT DATE: 2009/02/26
APPROVED BY: ---- DATE: ----

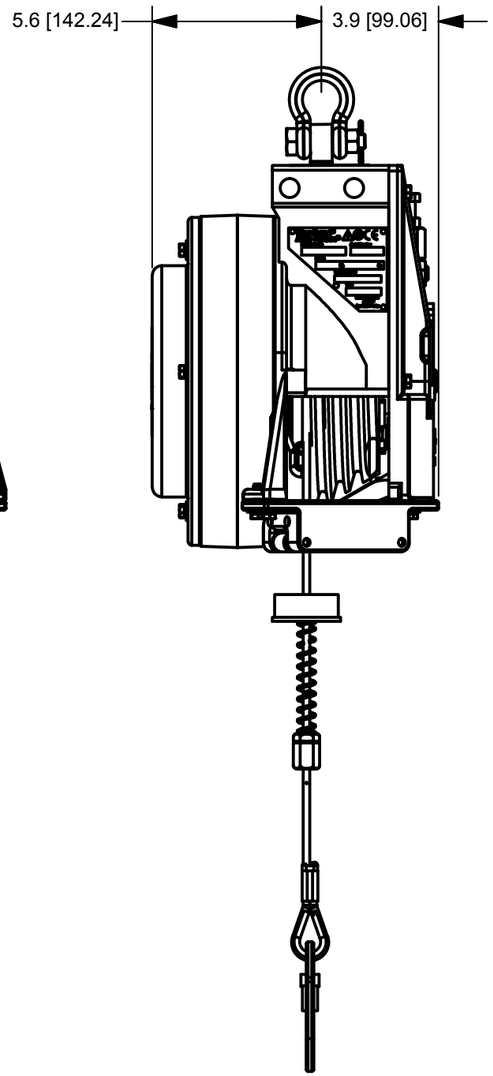
TITLE: KA BALANCER SERIES SPECIFICATIONS ----

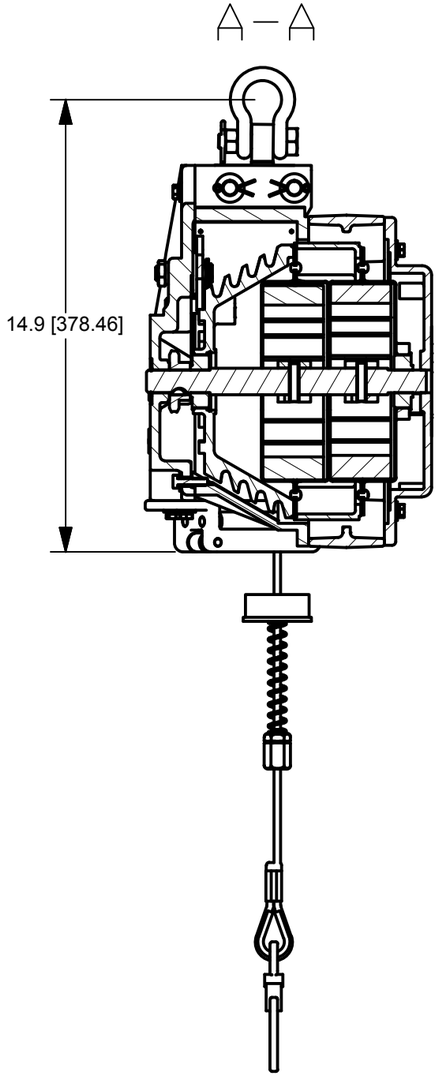
MOLEX INCORPORATED

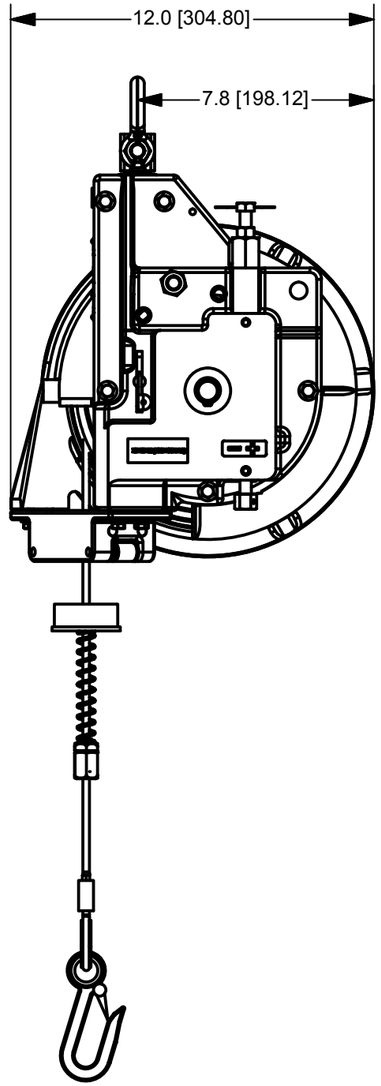
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-130172-002
SHEET NO.: 7 OF 7
SIZE: B

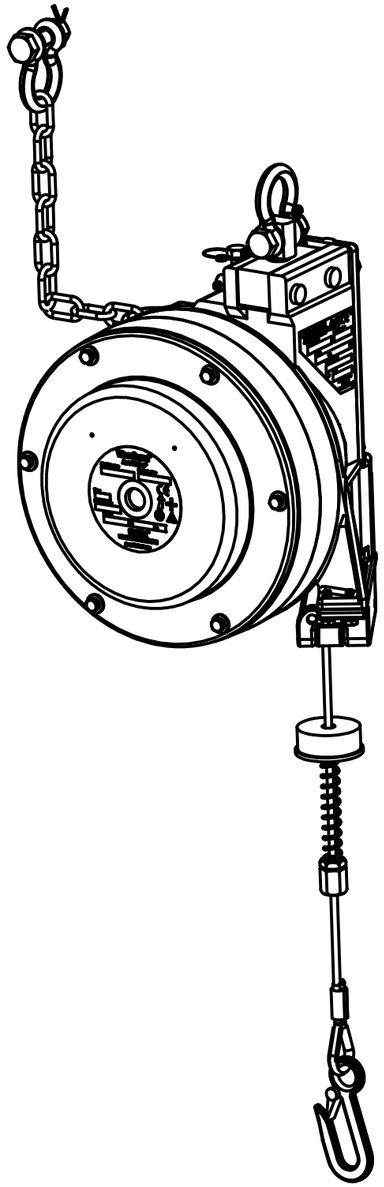
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

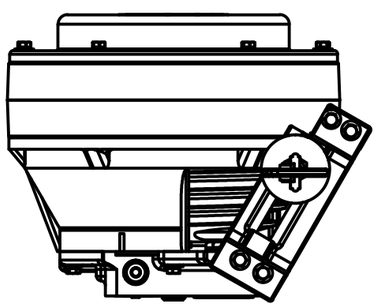




ALL DIMENSIONS ARE FOR REFERENCE ONLY.

| | | | |
|---|---|---|---|
| SEE SHEET 3 & 4 | | | — |
| EC NO: IPG2017-0163 | | | |
| DRWN: VOU | 2016/08/24 | | |
| CH'KD: DNGUYEN | 2016/08/26 | | |
| APPR: JFMURPHY | | DESCRIPTION | |
| B | | REV | |

QUALITY SYMBOLS
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Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±.005 |
| 2 PLACES | ±0.13 | ±.010 |
| 1 PLACE | ±0.25 | ±.020 |
| ANGULAR ±.5° | | |

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DIMENSION STYLE: INCH [MM]
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: VOU DATE: 2016/08/24
CHECKED BY: DT DATE: 2009/02/26
APPROVED BY: --- DATE: ---

TITLE: KA BALANCER SERIES SPECIFICATIONS ----

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-130172-002
SHEET NO.: 1 OF 7

SIZE: B

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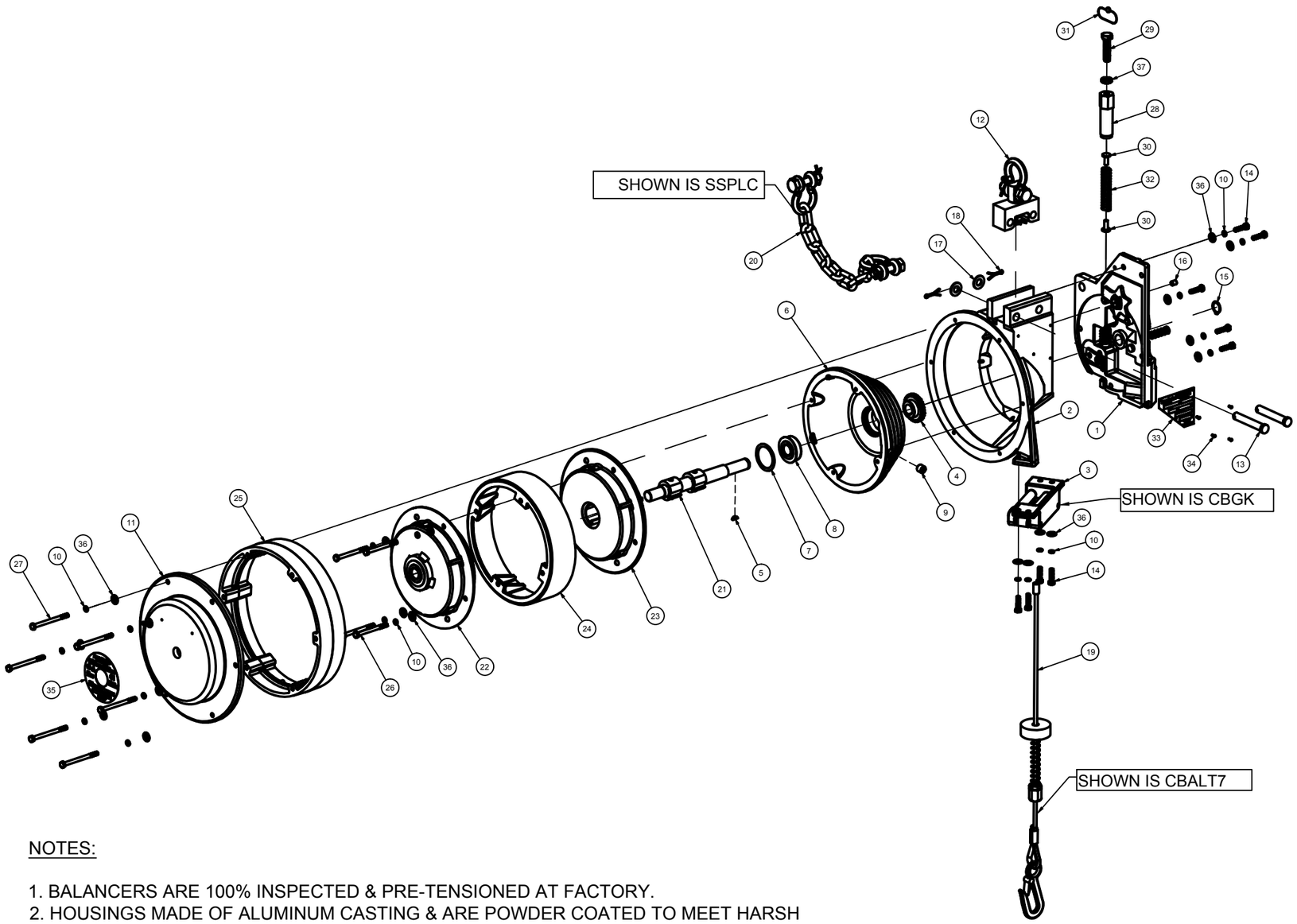


| ITEM | MATERIAL NUMBER | ENGINEERING NUMBER | ITEM DESCRIPTION |
|---|---|---|---|
| 1 | SEE CHART | SEE CHART | BASE SUB-ASSEMBLY - POWDER BLUE |
| 2 | 1301792332 | 59075HP-STND-BL | J/K BAL MAIN HOUSING - POWDER BLUE |
| 3 | 1301790283 | CBGK | CABLE GUIDE ASSY FOR KA BALANCERS |
| 4 | 1301790476 | 31058 | MAIN SHAFT GEAR |
| 5 | 1301790109 | 751-P-10 | WOODRUFF KEY |
| 6 | SEE CHART | SEE CHART | DRUM ASSY FOR KA BALANCERS |
| 7 | 1301790094 | 581-P-70 | INTERNAL RETAINING RING |
| 8 | 1301790080 | 376-P-10 | FLANGE BEARING |
| 9 | 1301790113 | 827-P-10 | 1/4"NPTx7/16"LG PIPE PLUG |
| 10 | 1301790003 | 101-P-30 | 1/4-SPLIT LOCK WASHER |
| 11 | 1301790668 | 31368-1 | J/K COVER - POWDER BLUE |
| 12 | SEE CHART | SEE CHART | UPPER SHACKLE ASSY FOR KA BALANCER |
| 13 | 1301790012 | 1235-P-2 | CLEVIS PIN |
| 14 | 1301790171 | AG19321 | M6X22LG HEX HD BOLT |
| 15 | 1301790151 | AG12175 | EXTERNAL RETAINING RING FOR J/K SHAFT |
| 16 | 1301790149 | AG12167 | M8X1.25 - 10LG SKT SCREW J/K BAL |
| 17 | 1301790146 | AG10220 | M12 PLAIN WASHER 24mm O.D. BZP |
| 18 | 1301790027 | 228-P-12 | PIN SPLIT 1/8 x 1.0 - BZP |
| 19 | SEE CHART | SEE CHART | CABLE ASSEMBLY FOR KA BALANCERS |
| 20 | SEE CHART | SEE CHART | SECONDARY SUPPORT KA BALANCERS |
| 21 | 1301790491 | 31240-1 | MAINSHAFT ASSY FOR KA BALANCERS |
| 22 | SEE CHART | SEE CHART | OUTER SPRING ASSY FOR KA BALANCER |
| 23 | SEE CHART | SEE CHART | INNER SPRING ASSY FOR KA BALANCER |
| 24 | 1301790489 | 31239-1 | SPRINGS SEPARATOR RING - KA BALANCER |
| 25 | 1301790523 | 59078-1 | KA HOUSING EXTENSION - POWDER BLUE |
| 26 | 1301790535 | AG12171 | M6X70LG HEX HEAD BOLT |
| 27 | 1301790537 | AG12188 | M6X80LG HEX HEAD BOLT |
| 28 | 1301790494 | 31246-UK | SPRING RETAINER FOR KA BALANCER |
| 29 | 1301790565 | AG12174-1 | DRILLED AG12174 - FOR SAFETY SPRING |
| 30 | 1301790496 | 31268 | SEAT SPRING FOR J/K BALANCERS |
| 31 | 1301790516 | 37384 | LEAD SEAL WITH LOCK - FOR KA BALANCER |
| 32 | SEE CHART | SEE CHART | COMPRESSION SPRING |
| 33 | 1302264665 | AG10002 | GLOBAL TRAPEZ LABEL |
| 34 | 1301790112 | 76-P-30-SS | #2 X 1/4 LONG, TYPE-U DRIVE SCREW SS |
| 35 | 1302280761 | M13060124 | ROUND WHITE GLOBAL LABEL |
| 36 | 1301790015 | 126-P-50 | WASHER-[.28in ID]x[.63in OD]x[.06in TK] |
| 37 | 1301790533 | AG12169 | M10 X 1.5 LOCK NUT |

FOR INDIVIDUAL REPAIR PART NUMBERS PLEASE CONTACT YOUR LOCAL SALES REP.

NOTES:

1. BALANCERS ARE 100% INSPECTED & PRE-TENSIONED AT FACTORY.
2. HOUSINGS MADE OF ALUMINUM CASTING & ARE POWDER COATED TO MEET HARSH INDUSTRIAL ENVIRONMENTS.
3. ALWAYS READ INSTRUCTIONS MANUAL BEFORE USING BALANCERS.
4. BALANCERS ARE NOT TO BE USED AS RETRACTORS. THEIR MAIN PURPOSE IS TO BALANCE A LOAD AND NOT TO RETRACT ONE.
5. OVERALL DIMENSIONS ARE FOR REFERENCE ONLY.
6. STANDARD CATALOG BALANCERS ARE EQUIPPED WITH SAFETY CHAIN BUT IF APPLICATION REQUIRES NO SAFETY CHAIN ADD "D" SUFFIX TO STANDARD BALANCER P/N: EXAMPLE 125KAD
7. WHEN MOUNTING BALANCER, ALWAYS MAKE SURE THE SAFETY PIN THAT COMES WITH THE SHACKLE IS INSTALLED & SECURED.

SEE SHEET 3 & 4
EC NO: IPG2017-0163 2016/08/24
DRWN: VOU 2016/08/26
CH'KD: DNGUYEN
APPR: JFMURPHY

| REV | DESCRIPTION |
|---|---|
| B | — |

QUALITY SYMBOLS
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GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
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| 1 PLACE | ±0.25 | ±.020 |
| ANGULAR ±.5° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: INCH [MM]
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: VOU DATE: 2016/08/24
CHECKED BY: DT DATE: 2009/02/26
APPROVED BY: --- DATE: ---
MATERIAL NO.: SEE CHART

TITLE: KA BALANCER SERIES SPECIFICATIONS
---

MOLEX INCORPORATED

DOCUMENT NO.: SD-130172-002
SHEET NO.: 2 OF 7

SIZE: B

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# BALANCER MODEL: / LOAD CAPACITY CHART: / ITEMS INDEX AS PER BOM TABLE USED BY EACH MODEL:

| MATERIAL NUMBER | MODEL NUMBER | WIEGHT RANGE FOR EACH BALANCER MODEL: IN LBS | IN KGS | ITEM #1: MATERIAL NUMBER | ITEM #6: MATERIAL NUMBER | ITEM #22: MATERIAL NUMBER | ITEM #23 MATERIAL NUMBER | ITEM #32: MATERIAL NUMBER | ITEM 12 SHACKLE ASSY USED BY EACH MODEL: MATERIAL NUMBER | REPAIR KIT NUMBER | ITEM 19 CABLE ASSEMBLY USED BY EACH MODEL: MATERIAL NUMBER | REPAIR KIT NUMBER | CABLE LENGTH | ITEM 20 SAFETY CHAIN USED BY EACH MODEL: MATERIAL NUMBER | REPAIR KIT NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1301720875 | 115KA | 85 - 115 | 38 - 52 | 1301790587 | 1301790610 | 1301792397 | 1301792407 | 1301790492 | 1301790335 | UHKKS | 1301790280 | CBALT7 | 7 FEET | 1301790329 | SSPLC |
| 1301720785 | 125KA | 115 - 125 | 52 - 57 | | | 1301792398 | 1301792408 | 1301790492 | | | | | | | |
| 1301720786 | 145KA | 124 - 145 | 56 - 66 | | | 1301792399 | 1301792409 | 1301790493 | | | | | | | |
| 1301720787 | 165KA | 143 - 165 | 65 - 75 | | | 1301792400 | 1301792410 | 1301790493 | | | | | | | |
| 1301720788 | 175KA | 159 - 175 | 72 - 79 | | | 1301792401 | 1301792411 | 1302261318 | | | | | | | |
| 1301720098 | 200KA | 175 - 200 | 79 - 91 | | | 1301792402 | 1301792412 | 1302261318 | | | | | | | |
| 1301720116 | 220KA | 200 - 220 | 91 - 100 | | | 1301790712 | 1301790722 | 1302261318 | | | | | | | |
| 1301720124 | 240KA | 220 - 243 | 100 - 110 | 1301790587 | 1301790610 | 1301790713 | 1301790723 | 1302261318 | | | 1301790280 | CBALT7 | 7 FEET | | |
| 1301720313 | 9110KA | 80 - 110 | 36 - 50 | 1301794778 | 1301790611 | 1301792403 | 1301792413 | 1301790492 | | | 1301790281 | CBALT9 | 9 FEET | | |
| 1301720320 | 9120KA | 115 - 126 | 52 - 57 | 1301794778 | 1301790611 | 1301792404 | 1301792414 | 1301790492 | | | 1301790281 | CBALT9 | 9 FEET | | |
| 1301720325 | 9140KA | 125 - 130 | 56 - 58 | 1301794778 | 1301790611 | 1301792405 | 1301792415 | 1301790493 | | | 1301790281 | CBALT9 | 9 FEET | | |
| 1301720330 | 9150KA | TBD - 145 | TBD - 66 | 1301794778 | 1301790611 | 1301792406 | 1301792416 | 1301790493 | | | 1301790281 | CBALT9 | 9 FEET | | |
| 1301720822 | 125KAD | 115 - 125 | 52 - 57 | 1301790587 | 1301790610 | 1301792398 | 1301792408 | 1301790492 | | | 1301790280 | CBALT7 | 7 FEET | | |
| 1301720829 | 145KAD | 124 - 145 | 61 - 65 | | | 1301792399 | 1301792409 | 1301790493 | | | | | | | |
| 1301710248 | 200KAD | 175 - 200 | 79 - 91 | | | 1301792402 | 1301792412 | 1302261318 | | | | | | | |
| 1301710249 | 220KAD | 200 - 220 | 91 - 100 | 1301790587 | 1301790610 | 1301790712 | 1301790722 | 1302261318 | 1301790335 | UHKKS | 1301790280 | CBALT7 | 7 FEET | 1301790329 | SSPLC |

**IMPORTANT NOTE:**

**PLEASE NOTE THAT MODELS WITHOUT A SAFETY CHAIN OR "KAD" SERIES ARE NOT AVAILABLE FOR SALE IN NORTH AMERICA. THESE SERIES ARE AVAILABLE FOR SALE ONLY IN EU STATES.**

SEE SHEET 3 & 4
EC NO: IPG2017-0163 2016/08/24
DRWN: VOU 2016/08/24
CHKD: DNGUYEN 2016/08/26
APPR: JFMURPHY
DESCRIPTION
REV: B

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ±--- | ±--- |
| 3 PLACES | ±--- | ±.005 |
| 2 PLACES | ±0.13 | ±.010 |
| 1 PLACE | ±0.25 | ±.020 |
| ANGULAR ±.5° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: INCH [MM]
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: VOU DATE: 2016/08/24
CHECKED BY: DT DATE: 2009/02/26
APPROVED BY: ---- DATE: ----

TITLE: KA BALANCER SERIES SPECIFICATIONS ----

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-130172-002
SHEET NO.: 3 OF 7
SIZE: B

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# ITEMS INDEX AS PER BOM TABLE USED BY EACH MODEL:

| BALANCER MODEL: MATERIAL NUMBER | BALANCER MODEL: MODEL NUMBER | LOAD CAPACITY CHART: WIEGHT RANGE FOR EACH BALANCER MODEL: IN LBS | LOAD CAPACITY CHART: WIEGHT RANGE FOR EACH BALANCER MODEL: IN KGS | ITEM #1: MATERIAL NUMBER | ITEM #6: MATERIAL NUMBER | ITEM #22: MATERIAL NUMBER | ITEM #23 MATERIAL NUMBER | ITEM #32: MATERIAL NUMBER | ITEM 12 SHACKLE ASSY USED BY EACH MODEL: MATERIAL NUMBER | ITEM 12 SHACKLE ASSY USED BY EACH MODEL: REPAIR KIT NUMBER | ITEM 19 CABLE ASSEMBLY USED BY EACH MODEL: MATERIAL NUMBER | ITEM 19 CABLE ASSEMBLY USED BY EACH MODEL: REPAIR KIT NUMBER | ITEM 19 CABLE ASSEMBLY USED BY EACH MODEL: CABLE LENGTH | ITEM 20 SAFETY CHAIN USED BY EACH MODEL: MATERIAL NUMBER | ITEM 20 SAFETY CHAIN USED BY EACH MODEL: REPAIR KIT NUMBER |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1301720876 | 115KAB | 84 - 115 | 38 - 52 | 1301790587 | 1301790610 | 1301792397 | 1301792407 | 1301790492 | 1301790335 | UHKKS | 1301790278 | CBALB7 | 7 FEET | 1301790329 | SSPLC |
| 1301720818 | 125KAB | 115 - 125 | 52 - 57 | ▼ | ▼ | 1301792398 | 1301792408 | 1301790492 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720826 | 145KAB | 124 - 145 | 56 - 66 | ▼ | ▼ | 1301792399 | 1301792409 | 1301790493 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720835 | 165KAB | 143 - 165 | 65 - 75 | ▼ | ▼ | 1301792400 | 1301792410 | 1301790493 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720844 | 175KAB | 159 - 175 | 72 - 79 | ▼ | ▼ | 1301792401 | 1301792411 | 1302261318 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720719 | 200KAB | 175 - 200 | 79 - 91 | ▼ | ▼ | 1301792402 | 1301792412 | 1302261318 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720877 | 115KABC | 84 - 115 | 38 - 52 | ▼ | ▼ | 1301792397 | 1301792407 | 1301790492 | ▼ | ▼ | 1301794890 | CBALBC7 | 7 FEET | ▼ | ▼ |
| 1301720819 | 125KABC | 115 - 125 | 52 - 57 | ▼ | ▼ | 1301792398 | 1301792408 | 1301790492 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720827 | 145KABC | 124 - 145 | 56 - 66 | ▼ | ▼ | 1301792399 | 1301792409 | 1301790493 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720836 | 165KABC | 143 - 165 | 65 - 75 | ▼ | ▼ | 1301792400 | 1301792410 | 1301790493 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720845 | 175KABC | 159 - 175 | 72 - 79 | ▼ | ▼ | 1301792401 | 1301792411 | 1302261318 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720853 | 200KABC | 175 - 200 | 79 - 91 | ▼ | ▼ | 1301792402 | 1301792412 | 1302261318 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720453 | 220KABC | 200 - 220 | 91 - 100 | ▼ | ▼ | 1301790712 | 1301790722 | 1302261318 | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ | ▼ |
| 1301720454 | 240KABC | 220 - 243 | 100-110 | 1301790587 | 1301790610 | 1301790713 | 1301790723 | 1302261318 | 1301790335 | UHKKS | 1301794890 | CBALBC7 | 7 FEET | 1301790329 | SSPLC |

SEE SHEET 3 & 4
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CHKD: DNGUYEN 2016/08/26
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B

REV | DESCRIPTION

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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

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CHECKED BY: DT DATE: 2009/02/26
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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-130172-002
SHEET NO.: 4 OF 7

SIZE: B

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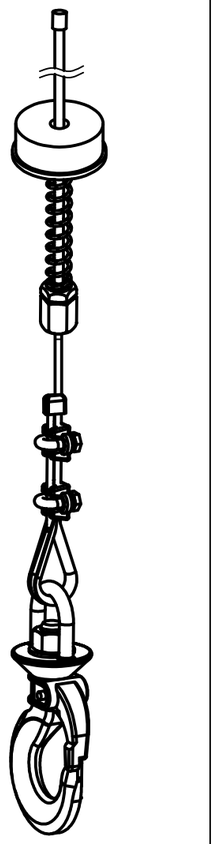
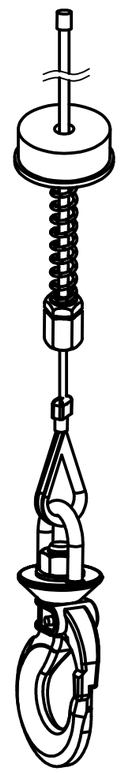
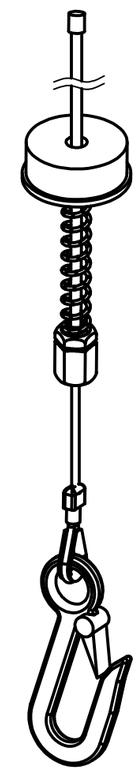
| CABLE ASSY - 7 & 9FT W/BULLARD HOOK & ADJUSTABLE CLAMPS: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301794890 | CBALBC7 |
| 1301794891 | CBALBC9 |



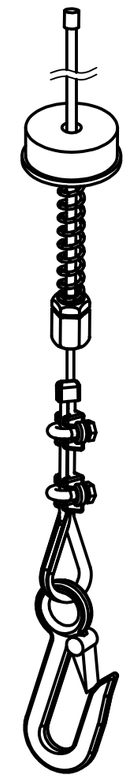
| CABLE ASSY - 7 & 9FT W/BULLARD HOOK HARD SWAGED: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790278 | CBALB7 |
| 1301790279 | CBALB9 |



| CABLE ASSY - 7 & 9FT W/EYE HOOK & CLIP HARD SWAGED: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790280 | CBALT7 |
| 1301790281 | CBALT9 |



| CABLE ASSY - 7 & 9FT W/EYE HOOK & CLIP ADJUSTABLE CLAMPS: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301794892 | CBALTC7 |
| 1301794893 | CBALTC9 |



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EC NO: IPG2017-0163 2016/08/24
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MATERIAL NO.: SEE CHART
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SHEET NO.: 5 OF 7

SIZE: B

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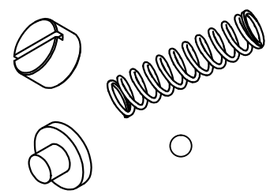
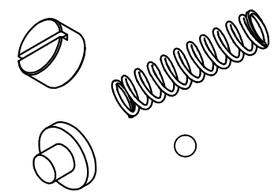
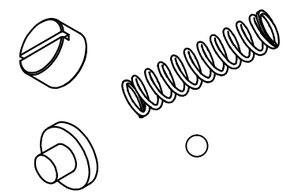
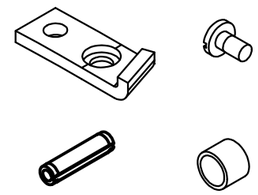
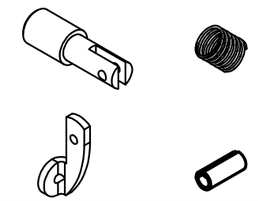
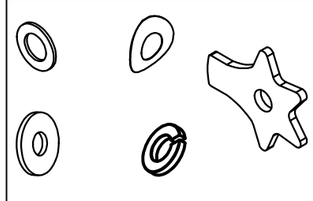
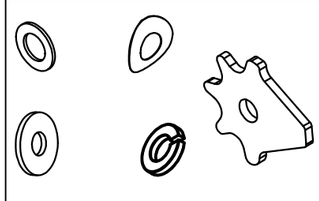
# DROP STOP ACTUATOR REPAIR KITS:

| MATERIAL NUMBER | REPAIR KIT NUMBER | MATERIAL NUMBER | REPAIR KIT NUMBER | MATERIAL NUMBER | REPAIR KIT NUMBER |
|---|---|---|---|---|---|
| 1301790299 | DSAKA | 1301790300 | DSAKB | 1301790301 | DSAKC |
|  | |  | |  | |
| USED FOR REPAIRS ON FOLLOWING MODELS: | | USED FOR REPAIRS ON FOLLOWING MODELS: | | USED FOR REPAIRS ON FOLLOWING MODELS: | |
| MODEL NUMBERS | | MODEL NUMBERS | | MODEL NUMBERS | |
| 115KA, & VARIATIONS | | 145KA, & VARIATIONS | | 175KA, & VARIATIONS | |
| 125KA, & VARIATIONS | | 165KA, & VARIATIONS | | 200KA, & VARIATIONS | |
| | | | | 220KA, & VARIATIONS | |
| | | | | 240KA, & VARIATIONS | |

| DROP STOP LEVER REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790302 | DSLK |
|  | |
| USED FOR REPAIRS ON FOLLOWING MODELS: | |
| MODEL NUMBER | |
| **ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE DROP STOP ASSY** | |
| **FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.** | |

| DRUM LOCK REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790288 | DLKK |
|  | |
| USED FOR REPAIRS ON FOLLOWING MODELS: | |
| MODEL NUMBER | |
| **ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE DRUM LOCK ASSY** | |
| **FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.** | |

| STAR WHEEL FOR 7FT TRAVEL - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790330 | STAL7 |
|  | |
| USED FOR REPAIRS ON FOLLOWING MODELS: | |
| MODEL NUMBER | |
| **ALL KA MODELS WITH A 7 FT TRAVEL WILL BE USING THIS REPAIR KIT TO REPLACE THE STAR WHEEL ASSY** | |
| **FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.** | |

| STAR WHEEL FOR 9FT TRAVEL - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790331 | STAL9 |
|  | |
| USED FOR REPAIRS ON FOLLOWING MODELS: | |
| MODEL NUMBER | |
| **ALL KA MODELS WITH A 9 FT TRAVEL WILL BE USING THIS REPAIR KIT TO REPLACE THE STAR WHEEL ASSY** | |
| **FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.** | |

FOR MORE DETAILS ON EVERY REPAIR KIT
PLEASE SEE THEIR ASSIGNED DRAWINGS.

FOR INDIVIDUAL REPAIR PART NUMBERS
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molex MOLEX INCORPORATED
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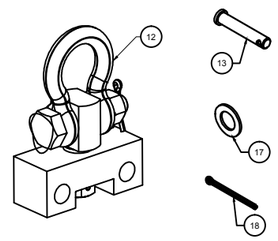
| UPPER SHACKLE ASSY FOR KA - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790335 | UHKKS |




USED FOR REPAIRS ON FOLLOWING MODELS:

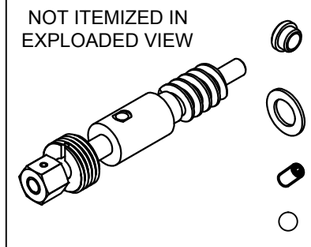
MODEL NUMBER

**ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE UPPER SHACKLE ASSY**

**FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

| WORK GEAR SHAFT ASSY FOR KA - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790340 | WRMK |

NOT ITEMIZED IN EXPLODED VIEW



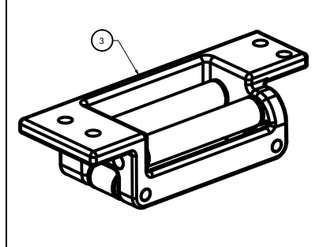
USED FOR REPAIRS ON FOLLOWING MODELS:

MODEL NUMBER

**ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE WORM SHAFT ASSY**

**FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

| CABLE GUIDE ASSEMBLY FOR KA - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790283 | CBGK |



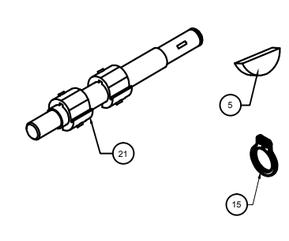

USED FOR REPAIRS ON FOLLOWING MODELS:

MODEL NUMBER

**ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE CABLE GUIDE ASSY**

**FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

| MAIN SHAFT ASSEMBLY FOR KA - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790325 | SHFK |



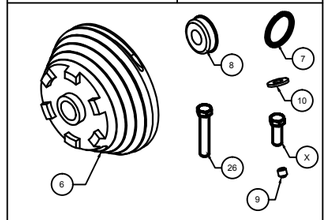

USED FOR REPAIRS ON FOLLOWING MODELS:

MODEL NUMBER

**ALL KA MODELS WILL BE USING THIS REPAIR KIT TO REPLACE THE MAIN SHAFT ASSY**

**FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

| KA DRUM FOR 7FT & 9FT TRAVEL - REPAIR KIT: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790291 | DRMK7 |
| 1301790292 | DRMK9 |




USED FOR REPAIRS ON FOLLOWING MODELS:

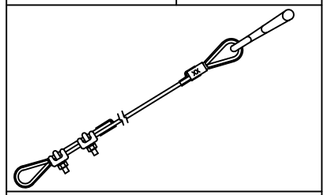
MODEL NUMBER

**ALL KA MODELS W/ 7FT TRAVEL WILL USE THE DRMK7.**

**ALL KA MODELS W/ 9FT TRAVEL WILL USE THE DRMK9.**

**FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

| OVERHANG CABLE EXTENSIONS FOR KA: | |
|---|---|
| MATERIAL NUMBER | REPAIR KIT NUMBER |
| 1301790420 | CBOL020 |
| 1301790421 | CBOL050 |
| 1301790422 | CBOL100 |



USED FOR REPAIRS ON FOLLOWING MODELS:

MODEL NUMBER

**ALL KA MODELS CAN USE THESE OVERHANG CABLES TO EXTEND THE TOOL OR LOAD REACH. THE OVERHANG CABLES WILL NOT INCREASE LOAD TRAVEL. FOR ALL P/N PLEASE SEE MATERIALS TABLE ON SHEETS 3 AND 4.**

FOR MORE DETAILS ON EVERY REPAIR KIT
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| 1 PLACE | ±0.25 | ±.020 |
| ANGULAR ±.5° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: INCH [MM]
SCALE: NTS
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: VOU DATE: 2016/08/24
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# OCEAN CHIPS
## Океан Электроники
## Поставка электронных компонентов

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».

AVIC JONHON

**«JONHON»** (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

**«FORSTAR»** (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).

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