



ALL DIMENSIONS ARE FOR REFERENCE ONLY.

**NOTES:**

1. BALANCERS ARE 100% INSPECTED & PRE-TENSIONED AT FACTORY.
2. HOUSINGS ARE MADE OF GENERAL PURPOSE ABS 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 BEING TO BALANCE A LOAD AND NOT TO RETRACT ONE.
5. IF A RATCHETING LOCK IS REQUIRED ADD AN "L" AFTER "BF" FAMILY OF BALANCERS. EXAMPLE BFL18 IS STANDARD BF18 BALANCER WITH A RATCHET LOCK FEATURE. FOR MORE INFO LOOK ON MAIN MATERIAL NUMBERS TABLE.
6. THESE BALANCERS DO NOT COME EQUIPPED WITH A SAFETY CHAIN.
7. TO OBTAIN BALANCER EQUIPPED WITH A SAFETY CHAIN ADD "SC" SUFFIX ON THE END OF ENGINEERING NUMBER. EXAMPLE "BF18SC".

CHNG COLOR AND ADD SHEET 3 EC NO: IPG2016-0105 DRWN: VOU 2016/02/22 CHKD: KJOZWIK 2016/02/22 APPR: JFMURPHY	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>IN/MM</b>		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION																													
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;"></th> <th style="width: 35%;">mm</th> <th style="width: 35%;">INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±---</td> <td>±---</td> </tr> <tr> <td>3 PLACES</td> <td>±---</td> <td>±.005</td> </tr> <tr> <td>2 PLACES</td> <td>±0.13</td> <td>±.010</td> </tr> <tr> <td>1 PLACE</td> <td>±0.25</td> <td>±.020</td> </tr> </table>		mm	INCH	4 PLACES	±---	±---	3 PLACES	±---	±.005	2 PLACES	±0.13	±.010	1 PLACE	±0.25	±.020	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">DRAWN BY</th> <th style="width: 50%;">DATE</th> </tr> <tr> <td>VOU</td> <td>2016/02/22</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> </tr> <tr> <td>DT</td> <td>2009/09/30</td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> </tr> <tr> <td>---</td> <td>---</td> </tr> </table>	DRAWN BY	DATE	VOU	2016/02/22	CHECKED BY	DATE	DT	2009/09/30	APPROVED BY	DATE	---	---	TITLE <b>"BF" AND "BFLR" FAMILY OF BALANCERS</b>		<b>MOLEX INCORPORATED</b>		DOCUMENT NO. <b>SD-130170-001</b>		SHEET NO. <b>1 OF 3</b>
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MATERIAL NUMBER	ENG. NUMBER	DESCRIPTION	COLOR
1301700021	BF6	BF6 BALANCER [3-6LB/1.4-2.7KG],6.6FT	BLUE
1301700023	BF9	BF9 BALANCER [6-9LB/2.7-4.1KG],6.6FT	BLUE
1301700015	BF13	BF13 BALANCER [9-13LB/4.1-5.9KG],6.6FT	BLUE
1301700017	BF18	BF18 BALANCER [13-18LB/5.9-8.2KG],6.6FT	BLUE
1301700019	BF24	BF24 BALANCER [18-24LB/8.2-10.9KG],6.6FT	BLUE
1301700032	BFL6	BF6 BALANCER WITH RATCHET LOCK	BLUE
1301700033	BFL9	BF9 BALANCER WITH RATCHET LOCK	BLUE
1301700025	BFL13	BF13 BALANCER WITH RATCHET LOCK	BLUE
1301700027	BFL18	BF18 BALANCER WITH RATCHET LOCK	BLUE
1301700030	BFL24	BF24 BALANCER WITH RATCHET LOCK	BLUE

CHNG COLOR AND ADD SHEET 3 EC NO: IPG2016-0105 DRWN: VOU CHKD: KJOZWIK APPR: JFMURPHY	2016/02/22 2016/02/22	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			=0 =0	mm	INCH	IN/MM	NTS	INCH		
				4 PLACES ±---	±---	DRAWN BY	DATE	TITLE <b>"BF" AND "BFLR" FAMILY OF BALANCERS</b> ----		
				3 PLACES ±---	±.005	VOU	2016/02/22			
	2 PLACES ±0.13	±.010	CHECKED BY	DATE	<b>MOLEX INCORPORATED</b>					
	1 PLACE ±0.25	±.020	DT	2009/09/30						
	ANGULAR ±.5°		APPROVED BY	DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE			SD-130170-001	2 OF 3			
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
			B							

# REPLACEMENT PART KITS

MATERIAL NUMBER	ENGINEERING NUMBER	DESCRIPTION
1301790423	H22510061	FRONT & REAR CASE ASSEMBLY
1301792025	H22510028	DRUM ASSEMBLY - BF6/BFL6
1301792026	H22510029	DRUM ASSEMBLY - BF9/BFL9
1301792027	H22510030	DRUM ASSEMBLY - BF13/BFL13
1301792028	H22510031	DRUM ASSEMBLY - BF18/BFL18
1301792029	H22510032	DRUM ASSEMBLY - BF24/BFL24
1302263054	H16510014	SWIVEL FORK KIT
1301791099	H13120012-RP	CABLE ASSEMBLY KIT
1302262589	H18110029	CLEVIS PIN KIT

**NOTES:**  
 - KITS NOT LISTED ABOVE ARE SPECIFIED ON INDIVIDUAL PRINT.

CHNG COLOR AND ADD SHEET 3 EC NO: IPG2016-0105 DRWN: VOU CHKD: KJOZWIK APPR: JFMURPHY	2016/02/22 2016/02/22	DESCRIPTION   REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	4 PLACES ±--- ±--- 3 PLACES ±--- ±.005 2 PLACES ±0.13 ±.010 1 PLACE ±0.25 ±.020		DRAWN BY DATE VOU 2016/02/22 CHECKED BY DATE DT 2009/09/30 APPROVED BY DATE --- ---		<b>"BF" AND "BFLR"          FAMILY OF BALANCERS</b>					
	ANGULAR ±.5°		MATERIAL NO. <b>SEE TABLE</b>		<b>MOLEX INCORPORATED</b>					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE <b>B</b>		DOCUMENT NO. <b>SD-130170-001</b>	SHEET NO. <b>3 OF 3</b>				

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