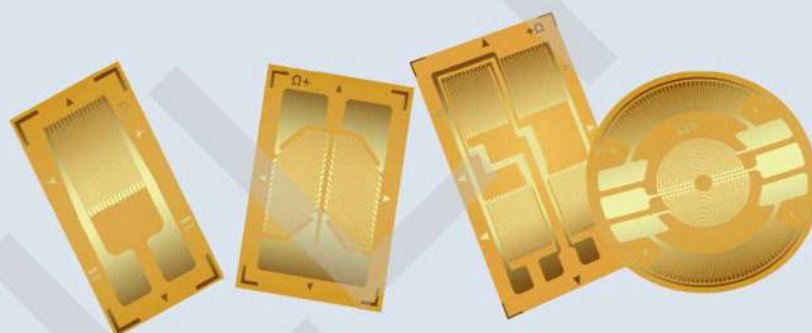


# Strain Gauges

For Transducer Manufacturers



### Option 1: Metal foil

- B** Measuring grid foil: Constantan
- Z** Measuring grid foil: Karma

### Option 2: Backing layer

- F** Modified phenolic resin
- A** Polyimide resin
- M** Special polyimide film
- K** Special PEEK film
- B** Glasee fiber reinforced polyimide

### Option 3: Measuring grid resistance in ohms

- 120** 120 Ω
- 350** 350 Ω
- 750** 750 Ω
- 1000** 1000 Ω

### Option 4: Grid length in mm

- X** Grid length

### Option 5: Layout of grids

- AA** Linear patterns-single grid
- FB** Linear patterns-double grid
- BB** T Patterns-double grid
- GB** Half bridge strain gauges
- HA** Double shear strain gauges
- AB** Single shear strain gauges
- EB** Full bridge strain gauges
- FG** Full bridge strain gauges
- KA** Membrane pattern

### Option 6: Self-temperature compensation(STC)

- 9** Titanium
- 11** Martensitic stainless steels,mild steel,alloy steel.
- 16** Austenitic stainless steel
- 23** Aluminium
- 27** Magnesium alloy

### Option 7: Center distance between two grids

- L6** 6.0
- L7** 7.0
- L0** 10.5
- L4** 14.0
- L68** 6.8
- L8** 8.0
- L12** 12.0

### Option 8: Creep code of gauges

- XX** N0,N1,N2,N3,N4,N5,N6,N7,N8  
N9,T0,T2,T4,T6,T8,T1,T3,T5

### Option 9: Covering, connections

- C** Naked solder pads
- D** Tinned solder dots
- PW** PVC insulated copper wires/Standard 30mm, it can be customized
- TW** PTFE insulated copper wires/Standard 30mm, it can be customized
- EW** Enamel insulated copper wires/Standard 30mm, it can be customized

**B**

**F**

**350**

**3**

**AA**

**23**

**-**

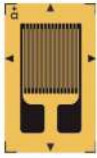
**T0**

**C**

**Example: BF350-3AA(23)T0-C**

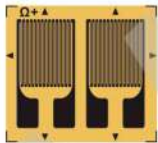
Specifications		BF-series	BA-series	BM-series	BK-series	BB-series
Metal foil		Constantan	Constantan/Karma	Constantan	Constantan	Karma
Foil thickness	μm	5±1	5±1	5±1	5±1	5±1
Backing layer		Modified phenolic resin	Polyimide resin	Special polyimide film	Special PEEK film	Glasee fiber reinforced polyimide
Backing thickness	μm	50±5	45±5	30±5	30±5	30±5
Nominal resistance	Ω	120,350,700,1000	120,350,700,1000	120,350,700,1000	120,350,700,1000	120,350,700,1000
Resistance tolerance	%	±0.35	±0.35	±0.35	±0.35	±0.35
Gauge factor		2.0...2.2	1.8...2.2	2.0...2.2	2.0...2.2	2.0...2.2
Gauge factor tolerance	%	±1				
Max. working strain	μm/m	±5,000	±5,000	±5,000	±5,000	±5,000
Strain limit	μm/m	±30,000	±30,000	±30,000	±30,000	±30,000
Fatigue life	Cycle	10 <sup>7</sup>	10 <sup>7</sup>	10 <sup>7</sup>	10 <sup>7</sup>	10 <sup>7</sup>
STC codes		9,11,16,23,27	9,11,16,23,27	9,11,16,23,27	9,11,16,23,27	11,23
Working temp, range	°C	-30...+80	-30...+80/-50...+150	-20...+80	-20...+80	-195...+250
Features and applications		The BF series is available in a number of versions for a wide range of applications. Only suitable for use with normal temperature performance up to Class C3 sensors	High elongation, good heat resistance, wide operating temperature range, suitable for sensor use requirements up to 150°C.	Made of special polyimide film lamination, high peel strength, strong substrate rigidity, low shrinkage, good creep consistency, repeatability, excellent zero return and hysteresis performance; strong resistance to moisture, good resistance stability and reliability; good dynamic response performance, suitable for C3 and above level high precision sensors	Made from special PEEK film laminates with very low moisture absorption and good resistance to damp heat; excellent creep and zero return properties; tough substrate; suitable for C3+ high precision sensors	Improved high temperature creep performance for sensor fabrication and stress analysis needs in the -195°C to 250°C range

Linear Patterns-Single Grid



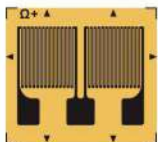
MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)120-1AA(11)N*	BF(BA)120-1AA(23)N*	120	1.0	2.2	4.3	3.5	T0	-
BF(BA)120-1.5AA(11)N*	BF(BA)120-1.5AA(23)N*	120	1.5	2.4	6.5	4.7	N6,T0	-
BF(BA)120-2AA(11)N*	BF(BA)120-2AA(23)N*	120	1.8	1.8	5.2	3.2	T0	-
BF(BA)120-3AA(11)N*	BF(BA)120-3AA(23)N*	120	2.8	2.0	6.4	3.5	T0,N0,N1,N3,N4,N6,N8	-
BF(BA)350-1AA(11)N*	BF(BA)350-1AA(23)N*	350	1.5	2.6	4.6	3.6	N0...T8	-
BF(BA)350-1.5AA(11)N*	BF(BA)350-1.5AA(23)N*	350	1.5	4.0	4.9	4.8	N3,N6,T1...T8	-
BF(BA)350-2AA(11)N*	BF(BA)350-2AA(23)N*	350	2.5	3.3	6.4	4.5	N0...T8	-
BF(BA)350-2AA-A(11)N*	BF(BA)350-2AA-A(23)N*	350	2.4	3.0	4.9	4.0	N1,N4,N6,T4,T0	-
BF(BA)350-2AA-P(11)N*	BF(BA)350-2AA-P(23)N*	350	2.0	2.4	5.0	3.5	N0,N2,N4,T0...T8	-
BF(BA)350-3AA-A(11)N*	BF(BA)350-3AA-A(23)N*	350	3.2	1.6	6.9	3.1	N0,N6,N8	-
BF(BA)350-3AA(11)N*	BF(BA)350-3AA(23)N*	350	3.2	3.1	7.4	4.4	N0...T8	-
BF(BA)350-3AA-B(11)N*	BF(BA)350-3AA-B(23)N*	350	3.0	3.1	14.3	4.5	N0...N7,T2,T3,T4,T8	-
BF(BA)350-4AA(11)N*	BF(BA)350-4AA(23)N*	350	3.8	2.2	8.2	4.2	N0,N2,N6,N9,T6	-
BF(BA)350-5AA(11)N*	BF(BA)350-5AA(23)N*	350	5.0	2.9	9.3	4.5	N0...N8,T0,T2	-
BF(BA)350-6AA(11)N*	BF(BA)350-6AA(23)N*	350	6.1	3.1	10.4	5.4	N0,N6,T0	-
BF(BA)350-10AA(11)N*	BF(BA)350-10AA(23)N*	350	9.4	4.1	15.4	6.1	N9	-
BF(BA)1000-2AA(11)N*	BF(BA)1000-2AA(23)N*	1000	2.2	4.6	5.8	5.8	N0,N2,N6,T0...T8	-
BF(BA)1000-3AA(11)N*	BF(BA)1000-3AA(23)N*	1000	3.0	5.3	6.7	6.5	N0...N9,T0...T8	-
BF(BA)1000-4AA(11)N*	BF(BA)1000-4AA(23)N*	1000	4.0	4.2	7.7	5.4	N8	-
BF(BA)1000-6AA(11)N*	BF(BA)1000-6AA(23)N*	1000	6.0	4.0	9.9	5.4	N6	-
BF(BA)1000-10AA(11)N*	BF(BA)1000-10AA(23)N*	1000	10.0	4.2	14.8	6.0	N0	-

Linear Patterns-Double Grid



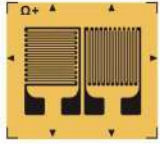
MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)120-2FB(11)N*	BF(BA)120-2FB(23)N*	120	2.0	2.0	5.6	5.2	N2,T0	-
BF(BA)350-2FB(11)N*	BF(BA)350-2FB(23)N*	350	2.1	2.8	6.4	7.6	N6,T0	-
BF(BA)350-3FB(11)N*	BF(BA)350-3FB(23)N*	350	3.2	2.8	7.4	7.4	N0...N9,T0,T2,T4,T8	-
BF(BA)350-4FB(11)N*	BF(BA)350-4FB(23)N*	350	4.0	2.4	7.8	6.2	N6,T0	-
BF(BA)350-6FB(11)N*	BF(BA)350-6FB(23)N*	350	5.9	2.8	9.8	7.3	N6	-
BF(BA)350-10FB(11)N*	BF(BA)350-10FB(23)N*	350	10.0	2.2	13.8	6.1	N8	-
BF(BA)350-20FB(11)N*	BF(BA)350-20FB(23)N*	350	20.0	3.6	24.7	8.8	-	-
BF(BA)1000-3FB(11)N*	BF(BA)1000-3FB(23)N*	1000	3.0	5.3	12.1	6.7	T0	-

Linear Patterns-Double Grid



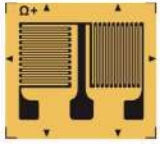
MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-3FB-A(11)N*	BF(BA)350-3FB-A(23)N*	350	3.2	2.5	6.8	6.4	N2	-

T Patterns-Double Grid



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-1BB(11)N*	BF(BA)350-1BB(23)N*	350	2.4	2.1	5.5	5.5	N0	-
BF(BA)350-2BB(11)N*	BF(BA)350-2BB(23)N*	350	2.0	2.6	7.2	6.0	N6,T0	-
BF(BA)350-3BB(11)N*	BF(BA)350-3BB(23)N*	350	3.0	3.3	8.6	6.6	N2,N8,T4	-
BF(BA)350-4BB(11)N*	BF(BA)350-4BB(23)N*	350	4.0	4.1	9.7	7.7	T0	-
BF(BA)350-6BB(11)N*	BF(BA)350-6BB(23)N*	350	6.0	6.0	13.8	9.7	T0	-
BF(BA)600-4BB(11)N*	BF(BA)600-4BB(23)N*	600	3.9	4.1	9.7	7.7	N6,N0	-

T Patterns-Double Grid



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-2BB-A(11)N*	BF(BA)350-2BB-A(23)N*	350	2.0	2.7	6.9	6.0	T4,N0	-
BF(BA)350-3BB-A(11)N*	BF(BA)350-3BB-A(23)N*	350	3.0	3.4	9.8	6.8	N2	-
BF(BA)350-4BB-A(11)N*	BF(BA)350-4BB-A(23)N*	350	4.0	4.1	9.7	7.7	T0,N6	-
BF(BA)350-6BB-A(11)N*	BF(BA)350-6BB-A(23)N*	350	5.9	6.3	14.3	9.6	T0	-
BF(BA)1000-4BB-A(11)N*	BF(BA)1000-4BB-A(23)N*	1000	3.6	4.0	9.4	7.0	T0	-

Half bridge strain gauges



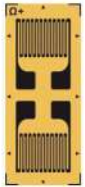
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STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-2GB(11)N*	BF(BA)350-2GB(23)N*	350	2.1	3.0	10.8	4.4	T0,N6	2.7
BF(BA)350-3GB(11)N*	BF(BA)350-3GB(23)N*	350	3.1	2.8	12.4	4.4	N4,N6	3.8
BF(BA)350-4GB(11)N*	BF(BA)350-4GB(23)N*	350	4.0	3.8	15.3	5.8	N4,N6	5.0

### Half bridge strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-1GB-AL0(11)N*	BF(BA)350-1GB-AL0(23)N*	350	1.5	2.5	13.8	3.8	T0	10.5
BF(BA)350-1.5GB-AL12(11)N*	BF(BA)350-1.5GB-AL12(23)N*	350	1.5	2.6	15.0	4.0	N4	12.0
BF(BA)350-1.5GB-AL68(11)N*	BF(BA)350-1.5GB-AL68(23)N*	350	1.5	3.1	9.8	4.3	N6	6.8
BF(BA)350-2GB-AL0(11)N*	BF(BA)350-2GB-AL0(23)N*	350	2.0	3.1	14.4	4.4	N1,N3,N4,N6	10.5
BF(BA)350-2GB-AL5.5(11)N*	BF(BA)350-2GB-AL5.5(23)N*	350	2.0	2.8	8.9	3.8	N8,T0,T2,T6,T8	5.5
BF(BA)350-2GB-AL6(11)N*	BF(BA)350-2GB-AL6(23)N*	350	2.0	2.8	9.4	3.8	N6	6.0
BF(BA)350-2GB-AL7(11)N*	BF(BA)350-2GB-AL7(23)N*	350	2.0	3.1	10.8	4.4	N0,N2,N6,T0,T4,T6	7.0
BF(BA)350-3GB-AL0(11)N*	BF(BA)350-3GB-AL0(23)N*	350	3.0	2.9	15.4	4.2	N0,N2,N6,T0,T5	10.5
BF(BA)350-3GB-AL12(11)N*	BF(BA)350-3GB-AL12(23)N*	350	3.0	2.9	16.9	4.2	N2,N6,T0	12.0
BF(BA)350-3GB-AL13(11)N*	BF(BA)350-3GB-AL13(23)N*	350	3.2	4.2	19.0	5.6	T0	13.2
BF(BA)350-3GB-AL14(11)N*	BF(BA)350-3GB-AL14(23)N*	350	3.0	3.0	18.8	4.2	N0,T0	14.0
BF(BA)350-3GB-AL15(11)N*	BF(BA)350-3GB-AL15(23)N*	350	3.0	2.7	20.0	4.1	N2,N4,N8,T0,T2,T4	15.0
BF(BA)750-3GB-AL0(11)N*	BF(BA)750-3GB-AL0(23)N*	750	3.0	3.5	15.2	4.3	N8	10.5
BF(BA)750-3GB-AL12(11)N*	BF(BA)750-3GB-AL12(23)N*	750	3.0	3.5	16.7	4.3	T0	12.0
BF(BA)750-3GB-AL14(11)N*	BF(BA)750-3GB-AL14(23)N*	750	3.0	3.5	18.7	4.2	N0	14.0

### Half bridge strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-2GB-CL0(11)N*	BF(BA)350-2GB-CL0(23)N*	350	2.5	3.3	14.7	4.5	N6,N8,T0,T8	10.5
BF(BA)350-2GB-CL5(11)N*	BF(BA)350-2GB-CL5(23)N*	350	2.0	4.1	10.3	5.5	T0	5.0
BF(BA)350-2GB-CL8(11)N*	BF(BA)350-2GB-CL8(23)N*	350	2.5	3.3	12.9	4.5	T2,T4	8.0
BF(BA)350-2GB-CL12(11)N*	BF(BA)350-2GB-CL12(23)N*	350	3.0	2.9	16.9	4.2	N0,T0	12.0

Double shear strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)175-2HA(11)N*	BF(BA)175-2HA(23)N*	175	2.0	4.2	9.0	5.6	N4	-
BF(BA)350-1HA(11)N*	BF(BA)350-1HA(23)N*	350	1.2	5.0	8.0	4.0	N6	-
BF(BA)350-2HA(11)N*	BF(BA)350-2HA(23)N*	350	2.0	4.4	9.0	5.6	N2,N4,N5,N6,T0,T4	-
BF(BA)350-3HA(11)N*	BF(BA)350-3HA(23)N*	350	3.0	4.5	9.4	6.5	N0...N9,T0,T2,T3,T4,T8	-
BF(BA)350-4HA(11)N*	BF(BA)350-4HA(23)N*	350	3.8	4.2	9.0	7.8	N4,N6,T0,T4	-
BF(BA)350-6HA(11)N*	BF(BA)350-6HA(23)N*	350	5.7	6.1	10.9	10.5	N4	-
BF(BA)700-3HA(11)N*	BF(BA)700-3HA(23)N*	700	3.0	5.4	9.9	6.2	N4	-
BF(BA)1000-3HA(11)N*	BF(BA)1000-3HA(23)N*	1000	3.0	5.5	9.9	6.2	N4,N8,T2,T6,T8	-
BF(BA)1000-4HA(11)N*	BF(BA)1000-4HA(23)N*	1000	4.0	5.6	9.9	7.5	T0	-

Double shear strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-2HA-A(11)N*	BF(BA)350-2HA-A(23)N*	350	2.0	4.4	9.0	5.6	N2,N4,N6,T0,T4,T8	-
BF(BA)350-3HA-A(11)N*	BF(BA)350-3HA-A(23)N*	350	3.0	4.5	9.4	6.5	N0...N9,T0,T2,T4,T6,T8	-
BF(BA)350-4HA-A(11)N*	BF(BA)350-4HA-A(23)N*	350	3.8	4.2	9.0	7.8	N4	-
BF(BA)350-6HA-A(11)N*	BF(BA)350-6HA-A(23)N*	350	5.7	6.1	10.9	10.5	N8	-
BF(BA)1000-3HA-A(11)N*	BF(BA)1000-3HA-A(23)N*	1000	3.0	5.5	9.9	6.2	N2,N4,T2	-

Double shear strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-2HA-B(11)N*	BF(BA)350-2HA-B(23)N*	350	2.0	2.5	7.2	6.3	N6,N8	-
BF(BA)350-3HA-B(11)N*	BF(BA)350-3HA-B(23)N*	350	3.1	4.0	9.5	7.8	N4,N6,N8,T0,T4	-
BF(BA)350-5HA-B(11)N*	BF(BA)350-5HA-B(23)N*	350	4.8	4.1	10.7	9.3	N4	-
BF(BA)500-3HA-B(11)N*	BF(BA)500-3HA-B(23)N*	500	3.4	8.7	11.4	7.6	N2	-
BF(BA)1000-5HA-B(11)N*	BF(BA)1000-5HA-B(23)N*	1000	4.8	6.5	15.7	9.6	N4	-

Double shear strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-2HA-C(11)N*	BF(BA)350-2HA-C(23)N*	350	2.0	2.5	7.2	6.3	N0,N2,N4,N6,N8,T2,T4,T8	-
BF(BA)350-3HA-C(11)N*	BF(BA)350-3HA-C(23)N*	350	3.1	4.0	9.5	7.8	N2,N4,N6,N8,N9,T0,T4,T6,T8,T9	-
BF(BA)350-8HA-C(11)N*	BF(BA)350-8HA-C(23)N*	350	8.0	9.0	13.0	14.4	N0	-
BF(BA)1000-3HA-C(11)N*	BF(BA)1000-3HA-C(23)N*	1000	3.1	5.4	10.7	7.8	N4,N8,T0,T4	-

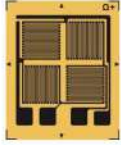
Single shear strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)120-3AB(11)N*	BF(BA)120-3AB(23)N*	120	3.0	3.0	8.4	4.8	T0	-
BF(BA)120-6AB(11)N*	BF(BA)120-6AB(23)N*	120	5.8	5.8	9.7	7.4	N8	-
BF(BA)350-2AB(11)N*	BF(BA)350-2AB(23)N*	350	2.0	2.0	6.7	3.7	N0,N4,N8,T3	-
BF(BA)350-3AB(11)N*	BF(BA)350-3AB(23)N*	350	3.0	3.0	8.2	5.1	N0...N8,T0,T6	-
BF(BA)350-4AB(11)N*	BF(BA)350-4AB(23)N*	350	4.0	4.0	9.1	5.8	N8	-
BF(BA)350-6AB(11)N*	BF(BA)350-6AB(23)N*	350	5.9	5.9	12.0	8.3	N5	-
BF(BA)350-8AB(11)N*	BF(BA)350-8AB(23)N*	350	7.9	7.9	13.3	10.0	N8	-
BF(BA)500-4AB(11)N*	BF(BA)500-4AB(23)N*	500	4.0	4.0	9.1	5.8	N8	-

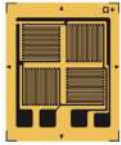


Full bridge strain gauges



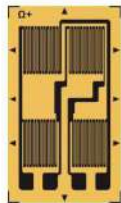
MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)240-2EB(11)N*	BF(BA)240-2EB(23)N*	240	2.0	3.0	10.0	10.0	N2	-
BF(BA)350-2EB(11)N*	BF(BA)350-2EB(23)N*	350	2.3	2.7	8.6	7.2	N2	-

Full bridge strain gauges



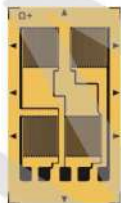
MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)240-2EB(11)N*	BF(BA)240-2EB(23)N*	240	2.0	3.0	10.0	10.0	N2	-
BF(BA)350-2EB(11)N*	BF(BA)350-2EB(23)N*	350	2.3	2.7	8.6	7.2	N2	-

Full bridge strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-2FG-L8.8(11)N*	BF(BA)350-2FG-L8.8(23)N*	350	2.0	2.7	14.5	6.5	N6	8.8
BF(BA)350-2FG-L0(11)N*	BF(BA)350-2FG-L0(23)N*	350	2.0	2.7	16.2	6.5	N2,T2	10.5

Full bridge strain gauges



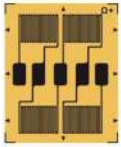
MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-2FG-AL6(11)N*	BF(BA)350-2FG-AL6(23)N*	350	2.0	2.2	12.0	7.1	N2,T0,T4,T8	6.0
BF(BA)350-3FG-AL6(11)N*	BF(BA)350-3FG-AL6(23)N*	350	3.0	2.1	13.0	6.8	T4	6.0
BF(BA)350-3FG-AL0(11)N*	BF(BA)350-3FG-AL0(23)N*	350	3.1	3.0	17.9	8.4	N2,T2,T6	10.5
BF(BA)350-3FG-AL14(11)N*	BF(BA)350-3FG-AL14(23)N*	350	3.0	2.1	20.5	6.8	N6,T1,T6,T0	14.0

Full bridge strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-1FG-BL0(11)N*	BF(BA)350-1FG-BL0(23)N*	350	1.5	2.7	13.7	6.9	T4,T6	10.5
BF(BA)350-2FG-BL10(11)N*	BF(BA)350-2FG-BL10(23)N*	350	2.6	2.7	14.8	8.0	N8	10.0
BF(BA)350-3FG-BL0(11)N*	BF(BA)350-3FG-BL0(23)N*	350	3.1	2.8	15.5	6.8	T2	10.5

Full bridge strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID LENGTH	GRID WIDTH	TOTAL LENGTH	TOTAL WIDTH		
BF(BA)350-2FG-CL6(11)N*	BF(BA)350-2FG-CL6(23)N*	350	2.1	2.9	9.8	6.9	T0,T2,T4	6.0
BF(BA)350-3FG-CL0(11)N*	BF(BA)350-3FG-CL0(23)N*	350	3.1	2.8	15.3	7.0	N2,N6,T0,T4	10.5

Membrane rosette strain gauges



MODEL NO.		NOML. RESIS-TANCE [Ω]	GAUGE DIMENSIONS[mm]				CREEP CODE	GRID DISTANCE [mm]
STEEL	ALUMINUM		GRID		TOTAL			
BF(BA)120-10KA(11)N*	BF(BA)350-10KA(23)N*	120	8.9		10.0		-	
BF(BA)350-10KA(11)N*	BF(BA)350-10KA(23)N*	350	9.0		10.0		T0,T2,T6	
BF(BA)350-13KA(11)N*	BF(BA)350-13KA(23)N*	350	12.0		13.0		-	