

Stator Bore Gage - Electronic Stator Measurement

SBG-2500E Series SBG-5000E Series

**SBG-5000E
Stator Bore Gage Handle**



**SBG-5000E
Stator Bore Gage Head
w/ Extension Shoes**



Stator Bore Gage Extension Shoes



Inspects Internal Diameters of Stators

HOW TO ORDER

1. Select one of the SBG Series gage models based on the size of the stator.
2. Select extension shoes and setting standards for the application.

The SBG series of gages determines a precise stator/rotor match by measuring the largest and smallest bore diameters. The result is an accurately matched stator and rotor which optimizes the motor or pump power section.

The electronic Stator Bore gage is a hand-operated instrument with hard/anodized aluminum pads attached to one end of a lightweight stainless steel handle. Attached to the opposite end of the handle is a cable, which connects into a DRO (digital readout) that stores up to nine diameter measurements.

After presetting the gage on a nominal setting standard, insert the gage head into the bore of a disassembled motor or pump stator. Placing the gage on the stator lobes at different measurement locations, allows the gage head to monitor the diameter measurements. After taking all of the measurements, the gage averages the diameters and determines the size variations from the original measurement. The operator can print the actual dimensions and averages from the DRO to determine the bore diameters.

Gagemaker offers two models of the Stator Bore gage. The SBG-2500E measures diameters ranging from .750" to 2.000" and the SBG-5000E measures diameters from 1.500" – 7.500". Attaching or removing different height extension shoes achieves the gage's range flexibility. Both gage models can address any pitch or lobe configuration.

Features

- Provides a precise stator/rotor match optimizing the motor or pump performance.
- Includes DRO (digital readout) that stores up to nine diameter measurements.
- Uses height extension shoes to measure a range of bore diameters or stators from .750" – 7.500".
- Addresses any pitch or lobe configuration.

SBG-2500E and SBG-5000E Series Gages

Model	Description	Range
SBG-2500E	Electronic Stator Bore Gage	.750" - .875"
SBG-5000E	Electronic Stator Bore Gage w/ DRO & SB-2100, SB-2110, SB-2120 extension shoes	1.500" - 1.650"

SBG-2500E Gage Extension Shoes – 20" Shoe Length

Model	Description	Range
SSB-950	Extension Shoe	.875" - 1.000"
SSB-1055	Extension Shoe	.980" - 1.105"
SSB-1160	Extension Shoe	1.085" – 1.210"
SSB-1265	Extension Shoe	1.190" – 1.315"
SSB-1370	Extension Shoe	1.295" – 1.420"
SSB-1475	Extension Shoe	1.400" – 1.525"
SSB-1580	Extension Shoe	1.505" – 1.630"
SSB-1685	Extension Shoe	1.610" – 1.735"
SSB-1790	Extension Shoe	1.715" – 1.840"
SSB-1895	Extension Shoe	1.820" – 1.945"
SSB-2000	Extension Shoe	1.925" – 2.050"

SBG-5000E Gage Extension Shoes

Model	Description	Range
SB-2100	8" long extension shoe	1.500" – 1.650"
SB-2110	8" long extension shoe	1.650" – 1.800"
SB-2120	8" long extension shoe	1.800" – 1.950"
SB-2200	20" extension shoe	
SB-2150	.130" riser – SB-2200 extension shoe required	2.000" – 2.150"
SB-2300	.280" riser – SB-2200 extension shoe required	2.150" – 2.300"
SB-2400	.380" riser – SB-2200 extension shoe required	2.250" – 2.400"
SB-2500	.480" riser – SB-2200 extension shoe required	2.350" – 2.500"
SB-2600	.580" riser – SB-2200 extension shoe required	2.450" – 2.600"
SB-3500	20" extension shoe w/ brackets and adapter	2.600" – 3.500"
SB-4500	20" extension shoe w/ brackets and adapter	3.450" – 4.500"
SB-5500	20" extension shoe w/ brackets and adapter	4.450" – 5.500"
SB-6500	20" extension shoe w/ brackets and adapter	5.450" – 6.500"
SB-7500	20" extension shoe w/ brackets and adapter	6.450" – 7.500"

Prices subject to change without notice
Effective 01/01/04

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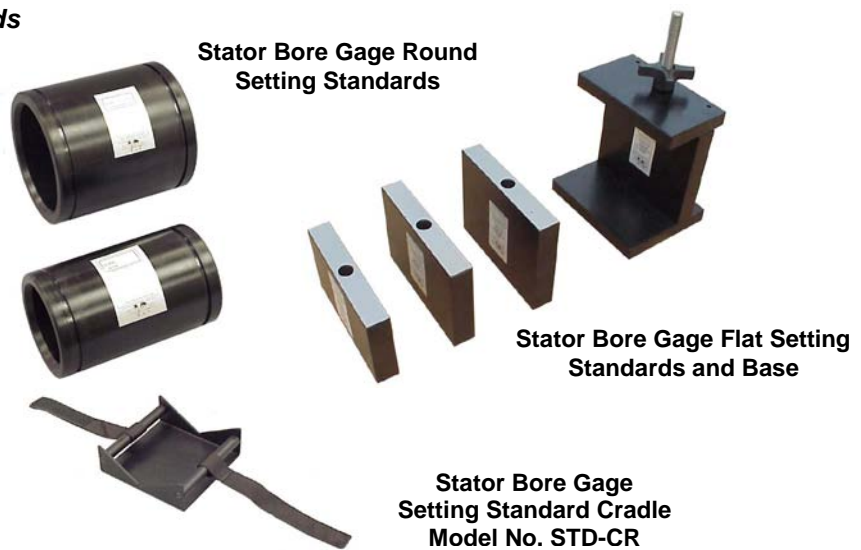


Stator Bore Gage - Electronic Stator Measurement

SBG-2500E Series SBG-5000E Series

SBG-2500E Gage Round Setting Standards

Diameter	Model
0.805"	STD-0805
0.915"	STD-0915
0.980"	STD-0980
1.025"	STD-1025
1.094"	STD-1094
1.135"	STD-1135
1.245"	STD-1245
1.280"	STD-1280
1.355"	STD-1355
1.465"	STD-1465
1.562"	STD-1562
1.575"	STD-1575
1.687"	STD-1687
1.812"	STD-1812
1.925"	STD-1925
1.937"	STD-1937
1.960"	STD-1960
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SBG-5000E Gage Round and Flat Setting Standards

Setting Diameter	Round Standard Model	Flat Standard Model	Setting Diameter	Round Standard Model	Flat Standard Model
2.062"	STD-2062	FSTD-2062	4.346"	STD-4346	FSTD-4346
2.187"	STD-2187	FSTD-2187	4.394"	STD-4394	FSTD-4394
2.312"	STD-2312	FSTD-2312	4.520"	STD-4520	FSTD-4520
2.437"	STD-2437	FSTD-2437	4.526"	STD-4526	FSTD-4526
2.540"	STD-2540	FSTD-2540	4.538"	STD-4538	FSTD-4538
2.720"	STD-2720	FSTD-2720	4.609"	STD-4609	FSTD-4609
2.736"	STD-2736	FSTD-2736	4.700"	STD-4700	FSTD-4700
2.900"	STD-2900	FSTD-2900	4.706"	STD-4706	FSTD-4706
2.980"	STD-2980	FSTD-2980	4.800"	STD-4800	FSTD-4800
3.080"	STD-3080	FSTD-3080	4.880"	STD-4880	FSTD-4880
3.245"	STD-3245	FSTD-3245	4.886"	STD-4886	FSTD-4886
3.260"	STD-3260	FSTD-3260	4.890"	STD-4890	FSTD-4890
3.425"	STD-3425	FSTD-3425	5.060"	STD-5060	FSTD-5060
3.440"	STD-3440	FSTD-3440	5.240"	STD-5240	FSTD-5240
3.488"	STD-3488	FSTD-3488	5.314"	STD-5314	FSTD-5314
3.592"	STD-3592	FSTD-3592	5.420"	STD-5420	FSTD-5420
3.620"	STD-3620	FSTD-3620	5.600"	STD-5600	FSTD-5600
3.625"	STD-3625	FSTD-3625	5.780"	STD-5780	FSTD-5780
3.800"	STD-3800	FSTD-3800	5.960"	STD-5960	FSTD-5960
3.805"	STD-3805	FSTD-3805	6.140"	STD-6140	FSTD-6140
3.885"	STD-3885	FSTD-3885	6.320"	STD-6320	FSTD-6320
3.980"	STD-3980	FSTD-3980	6.500"	STD-6500	FSTD-6500
3.985"	STD-3985	FSTD-3985	6.680"	STD-6680	FSTD-6680
4.160"	STD-4160	FSTD-4160	6.860"	STD-6860	FSTD-6860
4.165"	STD-4165	FSTD-4165	7.040"	STD-7040	FSTD-7040
4.343"	STD-4343	FSTD-4343	7.220"	STD-7220	FSTD-7220
Flat Setting Standard Base		STD-000			

Replacement Parts

Model No.	Description	Price
100-062	Digital Readout and Printer	1952.00
100-060	SBG Series Gage Cable (20 ft.)	197.00



Digital Readout and Printer



SBG Series Gage Cable

Specifications

Model No.	Dimensions
SBG-2500E	72 in X 2.5 in X 1.25 in (182.8 cm X 63.5 mm X 31.75 mm)
SBG-5000E	72 in X 3.5 in X 2.00 in (182.8 cm X 88.9 mm X 50.80 mm)

Weights
5 lb. (2.27 kg)
8 lb. (3.63 kg)



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