

Stator Bore Gage - Mechanical Indicator

Stator Measurement

SBG-2500 Series

SBG-5000 Series

SBG-5000
Stator Bore Gage Handle



SBG-5000
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 Stator Bore gage is a hand-operated instrument with hard/anodized aluminum pads attached to one end of a lightweight stainless steel handle. On the opposite end of the handle is an indicator that displays precise and repeatable diameter measurements.

After presetting the gage, insert the gage head into the bore of a disassembled motor or pump stator. Placing the gage pads on the stator lobes at different measurement locations, allows the operator to determine precise bore diameters, as well as stator wear locations. Also, the Stator Bore gage's lightweight design reduces operator fatigue.

Gagemaker offers two models of the Stator Bore gage. The SBG-2500 measures diameters ranging from .750" to 2.000" and the SBG-5000 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 which optimizes the motor or pump performance.
- Uses height extension shoes to measure a range of bore diameters or stators from .750" – 7.500".
- Addresses any pitch or lobe configuration.

SBG-2500 and SBG-5000 Series Gages

Model	Description	Range
SBG-2500	Digital Stator Bore Gage	.750" - .875"
SBG-5000	Digital Stator Bore Gage supplied with SB-2100, SB-2110, SB-2120 extension shoes	1.500" – 1.950"

SBG-2500 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-5000 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"



Stator Bore Gage - Mechanical Indicator

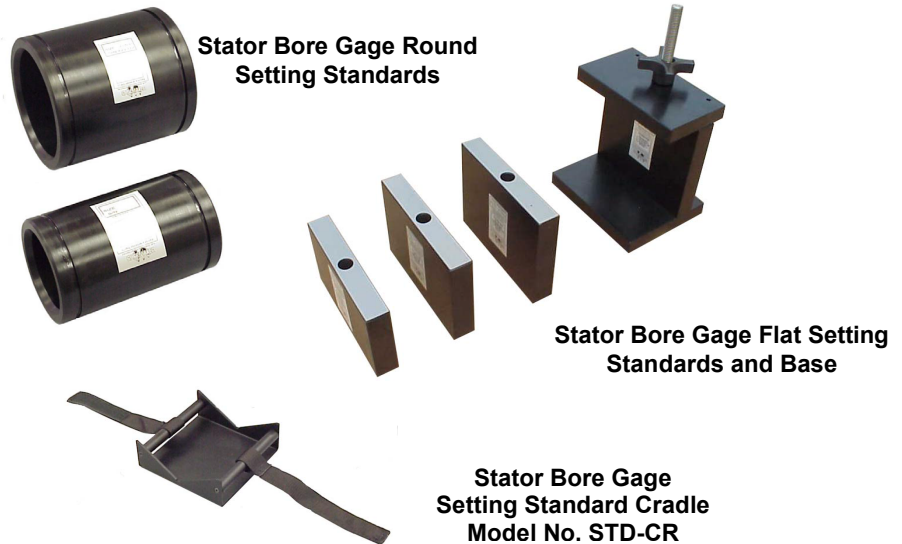
Stator Measurement

SBG-2500 Series

SBG-5000 Series

SBG-2500 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
--	STD-CR



SBG-5000 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			

Specifications

Model No.	Dimensions	Weights
SBG-2500	72 in X 2.5 in X 1.25 in (182.8 cm X 63.5 mm X 31.75 mm)	5 lb. (2.27 kg)
SBG-5000	72 in X 3.5 in X 2.00 in (182.8 cm X 88.9 mm X 50.80 mm)	8 lb. (3.63 kg)



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

710 East Southmore Ave., Pasadena, Texas 77502
Phone: 713-472-7360 Fax: 713-472-7241
Web site: www.gagemaker.com