

## DATASHEET

PART NUMBER

### WES599-8-BVEP

**Wescon 599 Stainless Steel Microstop - M8x1 - 22 mm Cutter Capacity - Bell Vacuum Skirt External Phenolic Foot**

10 DEGREE PIVOTING SHAFT (SWIVEL SHAFT) / HIGH SPEED HEAVY DUTY STAINLESS STEEL

WEBSITE

<https://www.wesconusa.com/products/WES599-8-BVEP>



\* The image represents the general look of the series. Actual product may vary based on options selected.

## SPECIFICATIONS

|                           |                                  |
|---------------------------|----------------------------------|
| Measurement Type          | Metric                           |
| Bearing Rating            | 10,000 rpm                       |
| Bearing Type              | Dual Ball Bearings               |
| Heavy Duty Thrust Bearing | Yes                              |
| Incremental Adjustment    | 0.013 mm                         |
| Shaft Travel              | 7.60 mm                          |
| Dust Seal                 | Integrated Dust Seal             |
| Cutter Thread             | M8x1                             |
| Shaft                     | Round - Pivoting / Swivel Shaft  |
| Shaft Diameter            | 6.35 mm                          |
| Cutter Capacity           | 22 mm                            |
| Skirt                     | Bell Vacuum External Thread      |
| Skirt Description         | 35.6 mm OD 22 mm Cutter Capacity |
| Foot                      | Phenolic                         |
| Solid Stop                | Yes                              |
| Material                  | Stainless Steel                  |
| Vacuum Adapter            | Yes                              |

Country of Origin

USA

**ADDITIONAL IMAGES AND DRAWINGS**

**WES599 Series Microstop**



**Part Number**  
WES599-X-XX-XX



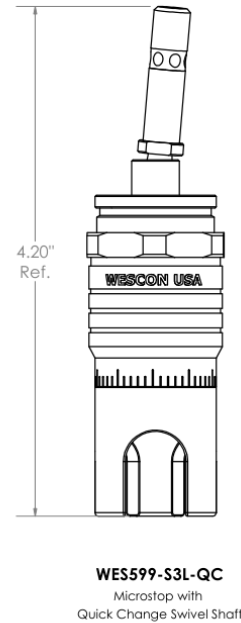
Incremental Adjustment: 0.0005 in  
Shaft Travel: 0.300 in  
Material: Carbon Steel Body with  
Hardened Tool Steel Shaft

Bearing Rating: 10,000 rpm  
Bearing Type: Dual Ball-Bearings  
Dust Seal: Integrated Dust Seal  
Heavy Duty Thrust Bearing: Yes  
Solid Stop: Yes

| Code    | Cutter Thread |
|---------|---------------|
| (Blank) | 1/4-28        |
| 6       | M6x1          |
| 8       | M8x1          |

| Code | Foot Style |
|------|------------|
| N    | Nylon      |
| S    | Steel      |
| P    | Phenolic   |

| Code    | Shaft Option              |
|---------|---------------------------|
| (Blank) | Round Swivel Shaft        |
| QC      | Quick Change Swivel Shaft |
| TF      | Tri Flat Swivel Shaft     |



\*For Skirt options see next page and website.



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Wescon 599 Microstop

Revision 07

All dimensions are in Inches

Information in this drawing is provided for reference only

Image 1

### Skirt Option



**S**  
Straight  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**I**  
Internal Thread\*  
Cutter  $\phi 5/8"$  ( $\phi 15\text{mm}$ )



**E**  
External Thread\*  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**SCA**  
Straight Cutaway  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**SL**  
Slotted  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**SI**  
Slotted Internal Thread\*  
Cutter  $\phi 5/8"$  ( $\phi 15\text{mm}$ )



**SE**  
Slotted External Thread\*  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**SSCA**  
Slotted Straight Cutaway  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**B**  
Bell  
Cutter  $\phi 7/8"$  ( $\phi 22\text{mm}$ )



**BI**  
Bell Internal Thread\*  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**BE**  
Bell External Thread\*  
Cutter  $\phi 7/8"$  ( $\phi 22\text{mm}$ )



**FCA**  
Flanged Cutaway  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**SBI**  
Slotted Bell Internal Thread\*  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**SBE**  
Slotted Bell External Thread\*  
Cutter  $\phi 7/8"$  ( $\phi 22\text{mm}$ )



**BWE**  
Bell Wide External Thread\*  
Cutter  $\phi 1"$  ( $\phi 25\text{mm}$ )



**S-875**  
Straight 0.875 in OD  
Cutter  $\phi 5/8"$  ( $\phi 15\text{mm}$ )

\*Select foot style from table  
Continued In Next Page.

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Image 2

### Skirt Option (Continuation)



**F**  
Flanged  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**FH**  
Flanged High  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**SF**  
Spherical Flanged  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**F-1125**  
Flanged 1.125 in OD  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**C**  
Close Quarters  
Cutter  $\Phi 3/8"$  ( $\Phi 10\text{mm}$ )



**F2L**  
Flanged 2-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**S2L**  
2-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**S3L**  
3-Leg  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**WVI**  
Vacuum Internal Thread\*  
Cutter  $\Phi 5/8"$  ( $\Phi 15\text{mm}$ )



**WVE**  
Vacuum External Thread\*  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**SVI**  
Slotted Vacuum Internal Thread\*  
Cutter  $\Phi 5/8"$  ( $\Phi 15\text{mm}$ )



**SVE**  
Slotted Vacuum External Thread\*  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**WVS**  
Vacuum Straight  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )



**SVS**  
Slotted Vacuum Straight  
Cutter  $\Phi 3/4"$  ( $\Phi 19\text{mm}$ )

\*Select foot style from table

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Image 3

### Skirt Option



**VS**  
Vacuum Straight  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**VE**  
Vacuum External Thread\*  
Cutter  $\phi 3/4"$  ( $\phi 19\text{mm}$ )



**VI**  
Vacuum Internal Thread\*  
Cutter  $\phi 5/8"$  ( $\phi 15\text{mm}$ )



**Foot Style For External Thread**

| Part Number | Material |
|-------------|----------|
| 59631-N     | Nylon    |
| 59631-S     | Steel    |
| 59631-P     | Phenolic |



**Foot Style For Internal Thread**

| Part Number | Material |
|-------------|----------|
| 59620-N     | Nylon    |
| 59620-S     | Steel    |
| 59620-P     | Phenolic |



**Foot Style For Bell External Thread**

| Part Number | Material |
|-------------|----------|
| 59641-N     | Nylon    |
| 59641-S     | Steel    |
| 59641-P     | Phenolic |



**Foot Style For Bell Internal Thread**

| Part Number | Material |
|-------------|----------|
| 59640-N     | Nylon    |
| 59640-S     | Steel    |
| 59640-P     | Phenolic |



**Foot Style For Bell Wide External Thread**

| Part Number | Material |
|-------------|----------|
| 59651-N     | Nylon    |
| 59651-S     | Steel    |
| 59651-P     | Phenolic |

\*Select foot style from table

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Image 4