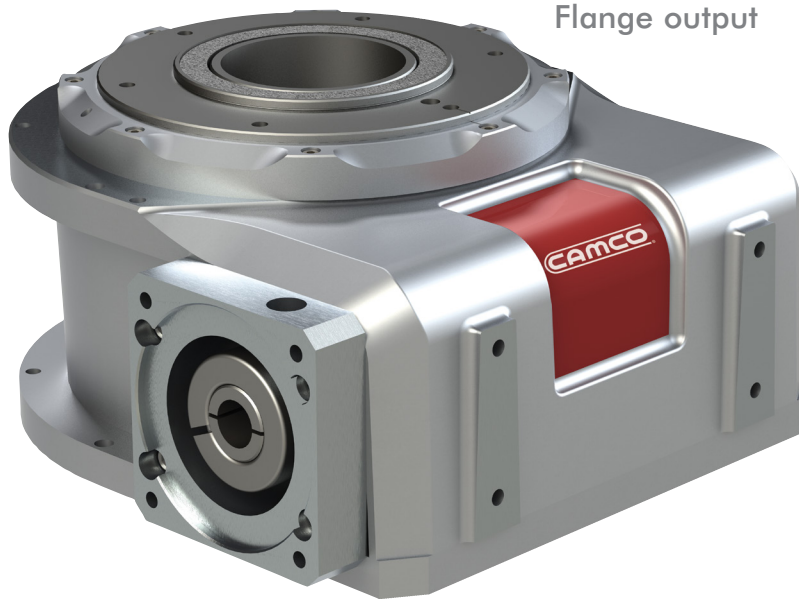
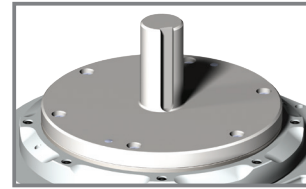


RSD SERIES

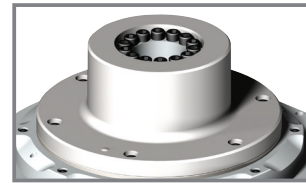
Precision Indexing | Product Overview



Flange output



Shaft output



Internal shrink disk output



Shrink disk output

Smarter Indexing

The **CAMCO RSD Rotary Servo Drive** is a zero-backlash, cam-actuated drive compatible with industry-standard servo motors for precise control, efficiency and flexibility.

Universal mounting

Maintenance-free operation

Large output bearing for greater overturning moment capacity

Large thru-hole for accessory lines (electric, pneumatic, etc.)

IP-65 rating

Class 100 rated with Med-Redi preparation

Features

Designed to accept a variety of servo motors

Preloaded system

- Zero backlash
- High accuracy
- Smooth motion
- Quiet operation
- High speed

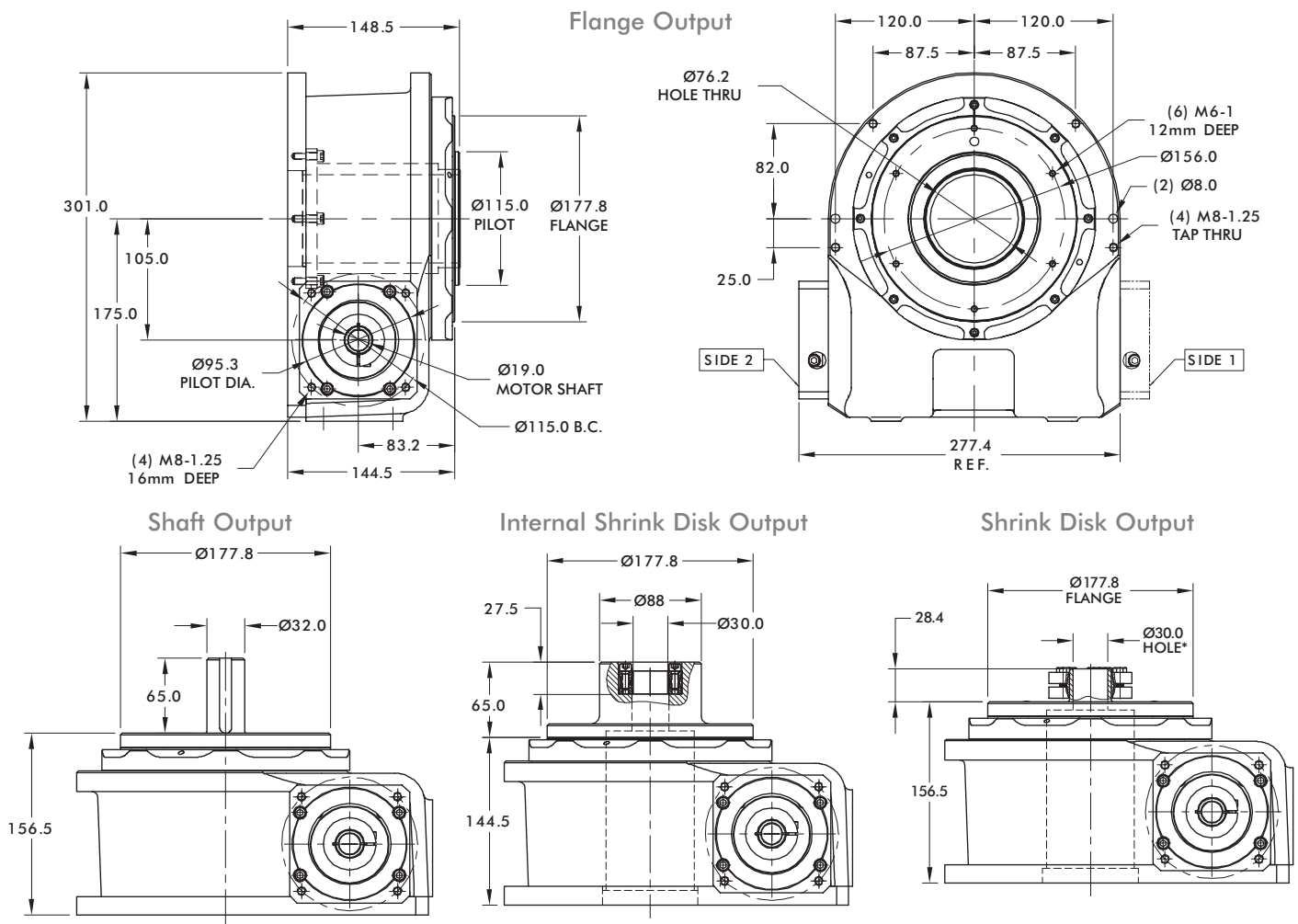
Indexing flexibility

- Run different parts on the same indexer
- Variable indexing: reversing, sorting, vary distance with each index

4:1 to 18:1 ratios in a single stage

115RSD SERIES

Precision Indexing | Dimensions



* Also available with 40mm bore.

Model 115RSD Technical Information

Specifications	Units	Standard Ratios			Other Available Ratios					
		8:1	16:1	4:1	5:1	6:1	9:1	12:1	15:1	18:1
Single Reduction Ratio	-	8:1	16:1	4:1	5:1	6:1	9:1	12:1	15:1	18:1
Maximum Torque Capacity	in-lbs	3540	3755	2950	3195	3355	3595	3695	3740	3770
Maximum Inertia on Output Dial	lb-in ²	19,463	77,853	4,866	7,603	10,948	24,633	43,792	68,425	98,533
Unit Output Inertia Reflected at Input Shaft	lb-in ²	5.29	3.93	11.30	8.75	6.65	4.81	5.14	4.05	3.71
Stiffness	in-lbs/arcmin	169	179	141	153	160	172	177	179	180
Input Torque of Unit Only	in-lb	20			20					
Maximum Axial Load	Lbs	2,270			2,270					
Maximum Radial Load	Lbs	910			910					
Maximum Offset Load (Overturning Moment)	in-lb	3180			3,180					
Output Face Flatness	in. TIR	0.002			0.002					
Axial Run-Out	inches	0.0015			0.0015					
Accuracy	arc seconds	±30			±30					
Repeatability	arc seconds	±7			±7					
Torsional Backlash	arc seconds	0			0					
Operating Temperature Range	°F	40 Minimum			140 Maximum					