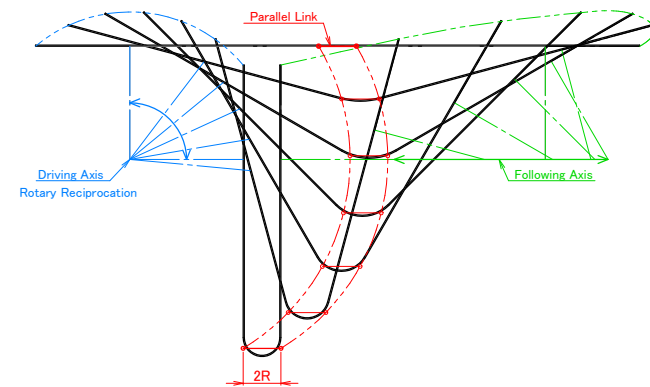
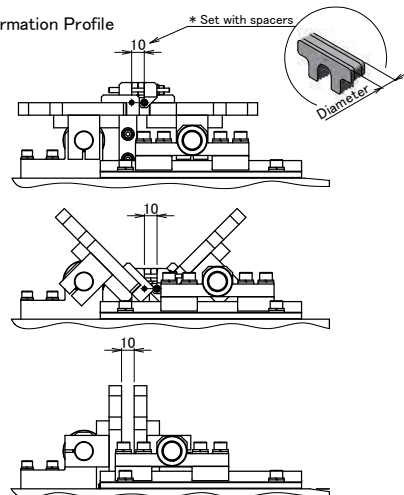


Deformation Profile



- ◇Components in this drawing
- BF0101SR: Tension-Free Folding (Clamshell-type)
- DR11MR: Driving Unit
- ET209009A0006: Joint Bracket

OVER VIEW	<ul style="list-style-type: none"> • Testing components folds samples with "Double Jointed Clamshell" structure. • It never place tensile stress nor compression stress on the sample, samples will change naturally. 		
SPECIFICATION of TEST CONDITION	<ul style="list-style-type: none"> • Target : Sheet or Linear samples • Sample thickness : max. 1 mm • Sample width : max. 130 mm • Sample length : min. (πR)+(Clamping space) mm (Be changed follow to conditions) • Bending angle : 180° • Bending radius : 0.5~5.0 mm (half of distance between a pair of plates) • Bending force : max. 0.7 N·m • Bending speed : 30~360 deg./sec. (About 5~60 reciprocation/min.) • Driving Unit : DR11MR (Permissible torque: 2.5 N·m) • Operating Angle : 90 deg. 		
INSTALLATION ENVIRONMENT	<ul style="list-style-type: none"> Temp. : +5~+40° C (41~104° F) Humi. : 15~ 85%Rh (No Condensation) 		
MASS	<ul style="list-style-type: none"> • Testing Machine : about 20.0 kg (44.1 lb) • Test Jig : about 9.0 kg (19.85 lb) • Cartridge (1set) : about 1.0 kg (2.2 lb) • Cover, Test jig : about 3.0 kg (6.62 lb) 		
NOTE	<ul style="list-style-type: none"> • Accessory: Spacer to set the folding radius (5.0 mm, 2.0 mm, 1.0 mm, 0.5 mm, 0.2 mm, 0.1 mm, 0.05 mm: 4 each) 		
材質 MATERIAL	第3角法 尺 度	名 稱	TENSION-FREE FOLDING (CLAMSHELL-TYPE)
質量 MASS	On the margin	作成日付 DATE	Aug. 23, 2019
表面処理 SURFACE PROCESSING		承認 APPROVED	Y. Moriya
熱処理 HEAT TREATMENT		検 査 CHECKED	A. Murakami
		設 計 DESIGNED	T. Shoji
DWG. No.			BF0101SR-DR11MR-0