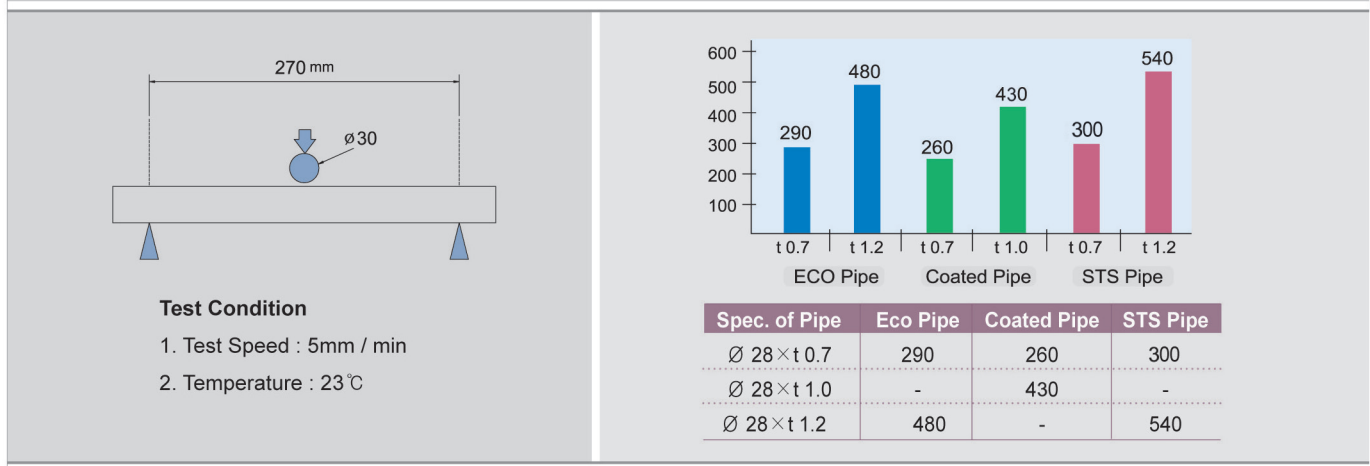
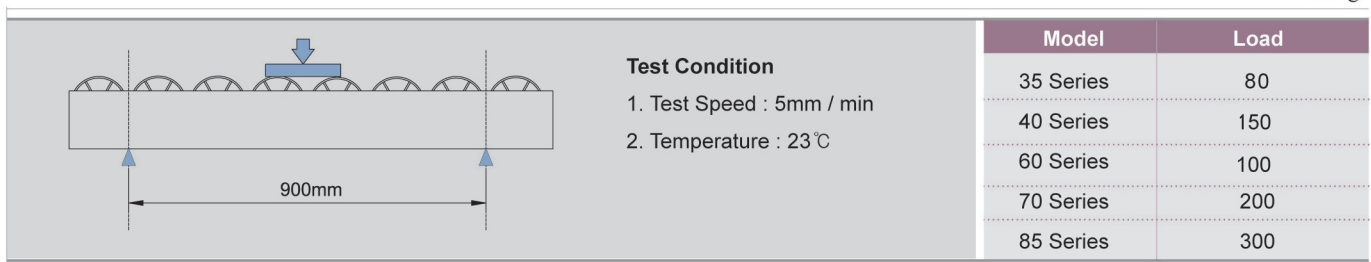


BENDING STRENGTH FOR PIPE



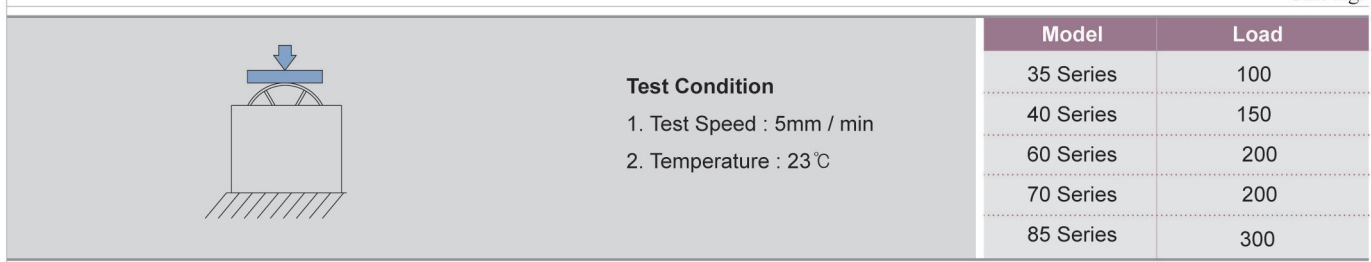
BENDING STRENGTH FOR ROLLER TRACK

Unit :kgf

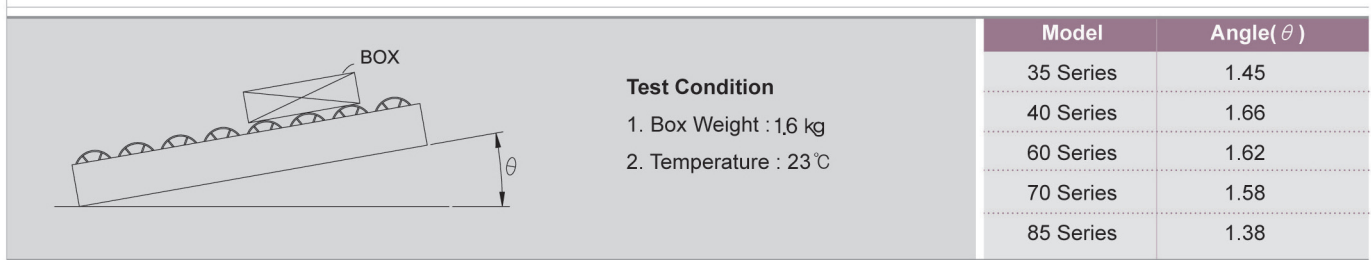


COMPRESSION STRENGTH OF WHEEL SUBASSEMBLY

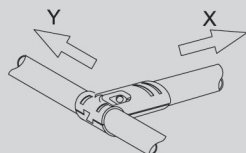
Unit :kgf



ANGLE RECOMMENDED FOR CONSISTENT



HOLDING FORCE



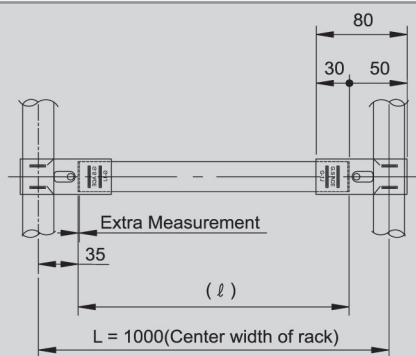
Test Condition

1. Test Speed : 5mm / min
2. Temperature : 23 °C

Classification	Coated Pipe		Stainless Steel Pipe	
	Ø28 x t0.7	Ø28 x t1.0	Ø28 x t0.7	Ø28 x t1.2
Direction : X	More Than 80kg	More Than 80kg	More Than 80 kg	More Than 80 kg
Direction : Y	More Than 80kg	More Than 80kg	More Than 80 kg	More Than 80 kg

DETERMINING STANDARD PIPE LENGTH

| Metal Joint |

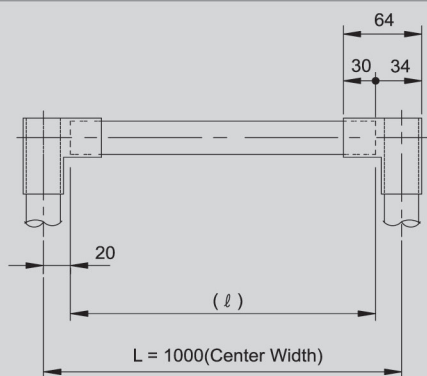


$$\ell = 1000 - (70+2) = 928(\text{mm})$$

Case of Ø28mm

1000mm	Center Measurement (L)
-70mm	Pipe Length Inside Joint (35mm x 2)
-2mm	Extra Measurement (2mm~5mm)
928mm	Pipe Length (ℓ)

| Plastic Joint |



$$\ell = 1000 - (40+2) = 958(\text{mm})$$

Case of Ø28mm

1000mm	Center Measurement (L)
-40mm	Pipe Length Inside Joint (20mm x 2)
-2mm	Extra Measurement (2mm~5mm)
958mm	Pipe Length (ℓ)