

SERIES DUT

Installation, Operation & Maintenance Manual

Union arch flexible



IMPORTANT! - READ ALL INSTRUCTIONS IN THIS MANUAL
BEFORE OPERATING OR SERVICING A PUMP.

→BODY

Spherical shape, stronger than the standard cylindrical shape. The spherical designed «long-arch» reduces turbulence and sediment build-up. #150 MI Union fittings at both ends.

→RATINGS

Up to 214 PSI (1475 kPa) and up to 240°F (115°C)

→SIZES

From 1/2" to 2" (15mm to 50mm)

→ALLOWABLE MOTION

Spherical bellows can absorb many times the movements of standard products. Compression, extension, deflection and angular movements are easily handled. High pressure molding of EPDM results in lighter weight and thinner wall sections that requires less force to deflect than other products. Reducing and preventing stresses and strains on flanges or piping. Series DUT allows angular motion to 45° angle.

→CORROSION RESISTANCE

EPDM offers excellent chemical resistance. Under normal conditions, extensive service life can be expected from EPDM material.

→VIBRATION, NOISE & SHOCK

Reduces noise, sound loses energy travelling axially through the EPDM bellows. Reduces vibrations, insulates the equipment to allow free movement at its vibration mountings.

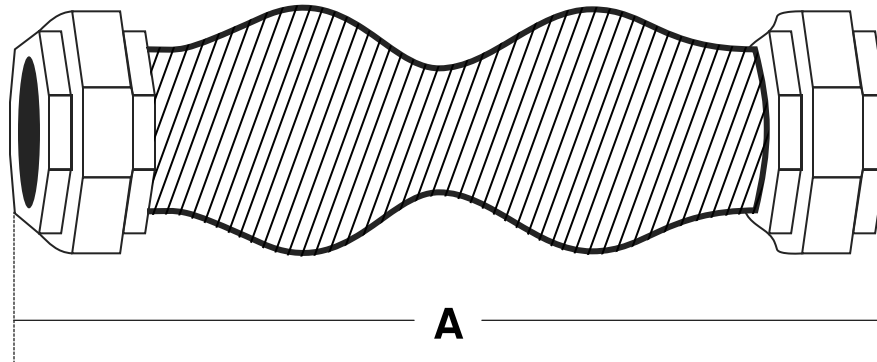


Table 1 Specification

MODEL	SIZE	A	COMPRESSION	EXTENSION	LATERAL	ANGULAR	Pressure 70°F (21°C)	Weight
DUT0050	1/2" 15 mm	6 3/4" 171.45 mm	7/8" 20.32 mm	1/4" 6.35 mm	7/8" 20.32 mm	45°	150 PSI 1034 kPa	2 lbs 0.9 kg
DUT0075	3/4" 20 mm	8" 203.2 mm						3 lbs 1.3 kg
DUT0100	1" 25 mm	8 1/4" 209.55 mm						4 lbs 1.8 kg
DUT0125	1 1/4" 32 mm	8 7/8" 223.52 mm						6 lbs 2.7 kg
DUT0150	1 1/2" 40 mm	8 1/2" 215.9 mm						
DUT0200	2" 50 mm	9 1/2" 241.3 mm						

*Dimensions not to be used for construction unless prints certified by factory.