

# Gimbal expansion joint DN 185

**Oper. pressure [bar]:** 15

**Oper. temp. range [K]:** 90 ÷ 310

**Oper. travel ranges (max.)**  
- angular [°] : ± 9

**Weight (max) [Kg] :** 13.8

**Spring rates (max.)**  
- angular [N m/°] : 28

**Operating fluids :** LOX

**Bellows material :** SS 316 L

**Application :** A5 EPC LOX engine  
feed lines

**Status :** Qualified for flight

