



TSPRO SWIVEL JOINTS

All articulations of the TSPRO arms use high performance swivel joints with **DOUBLE SEALING** that provides better operational ergonomics and extreme reduction in the risk of leaks.

Built with a leak detection indicator that signals when the first seal is worn, it prevents leaks and allows scheduled maintenance. There is no need for immediate stoppage of the equipment as the liquid is still retained by the second seal.

SEAL REPLACEMENT INDICATOR

NO NEED TO REMOVE SPHERES FOR MAINTENCE

Our swivel joints are designed to allow the seals to be changed without the need of removing the balls. To access the seals it is only necessary to loosen the screws.

STANDARD MARKET SEALS

COUNTERBALANCE SYSTEM

Enclosed compression spring-activated counterbalance system that improves safety and ensures better balance accuracy of the arm in use with products of different densities



CCYCCO



CODIFICATION



DIMENSIONS AND BUILD MATERIALS

1 LOADING ARM TIPE

BT Top Loading **BB** Bottom Loading

3 PIPE SIZE

- 2 inches 3 inches
- 4 inches
- 6 inches

4SEALING MATERIALS

1 Buna-N (Nitrile) and Hydraulic Cardboard 2 Viton and Hydraulic Cardboard

3 PTFE (Teflon)

5 BUILDING MATERIALS

CA Carbon Steel/Aluminum

CC Carbon Steel

C4 Carbon Steel/ SS 304

C6 Carbon Steel/ SS 316 14 Stainless Steel 304

16 Stainless Steel 316

2 LOADING ARM MODEL

TOP LOADING ARMS Model C Model A Model E Model G



ASSEMBLY OPTIONS (INLET AND SIDE OF OPERATION)



TECHNICAL INFORMATION

- Hydrostatic test to 128 PSI (9Kgf/cm²) Welding performed by Qualified Welders.
- TSPRO standards painting in black on Carbon Steel components.



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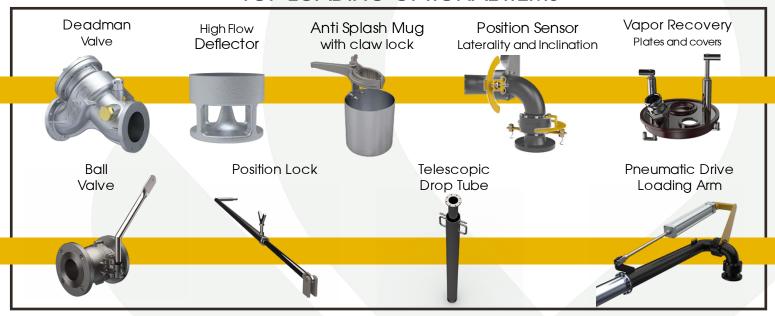
vendas@tspro.com.br







TOP LOADING OPTIONAL ITEMS



BOTTOM LOADING OPTIONAL ITEMS



LEARN HOW TO SOLVE AND PREVENT

THE MAIN CAUSES OF OVERFLOW AND END FUEL CONTAMINATION.



THE ONLY PREVENTION SOLUTION FOR CONTAMINATION IN BOTTOM LOADING ARMS OF THE WORLD





