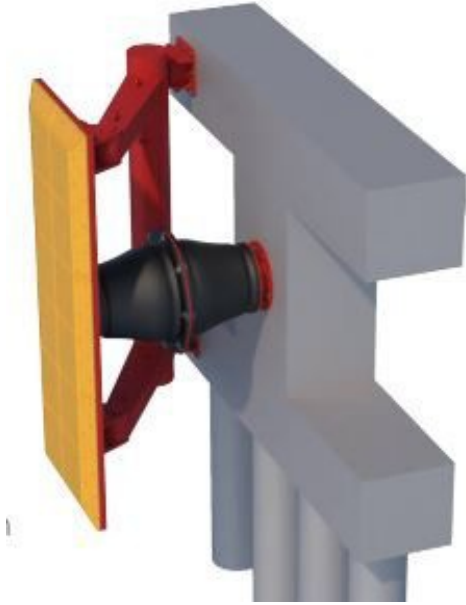


Parallel Motion Fender



The Parallel Motion Fender is a self-contained, fully engineered fender system.

Reaction forces can be reduced to around half that of conventional fender systems. Even at high berthing angles and varying impact levels the panel remains vertical, and there is little or no loss of energy absorption.

Parallel Motion Fenders are popular choices for belted vessels such as RoRo and ferries, for soft-hulled ships such as tankers and LNG carriers, and for sites with high tidal ranges or load-sensitive berthing structures.

A typical design uses twin TJCO Cone Fenders installed flange-to-flange. This absorbs double the energy of a single cone for the same reaction. Loads on the

structure are reduced, which saves build costs and vessel turnaround times.

The fully sealed hinge mechanism, arm and box panel will perform for years with little maintenance, making for low running costs and a very long working life.

Because Parallel Motion Fenders are pre-built in the factory, they are easy to install: either to an anchor system on a concrete structure, or lowered into place around a tubular pile.

Every system is custom designed, so please discuss your exact requirements with TekMarine.