

API Couplers

Features:

- completely modular, coupler can be built with various face seal combinations to be compatible with different alternative fuel / performance levels and applications
- 4" TTMA inlet mounting flange
- 5 cam design for easy alignment and tight connection
- ball-end handle for easy, comfortable operation
- no special tools needed for maintenance
- shaft seals can be changed without removing coupler from loading arm
- link, shaft, pin and crank: hardened 17-4PH stainless steel
- cam: stainless steel
- weight: 20 lbs.
- maximum working pressure: **150 PSI**
- peak surge pressure: 350 PSI
- maximum flow rate: 600 GPM
- pressure drop: 3 to 4 PSI
- replacement parts are available, contact Dixon™

API coupler with bonded nose seal

Seal Material	Operating Temperature	Part #	Price/E
Buna	-20°F to 250°F	5300	\$2343.25
FKM-B	-10°F to 400°F	5300B	2577.60
FKM-GFLT	-20°F to 400°F	5300G	2694.50
FKM-B with stainless wave spring	-10°F to 400°F	5300BC ¹	2580.00

¹ stainless steel internal springs and is recommended for crude oil service

API coupler with replaceable nose seal

Seal Material	Operating Temperature	Part #	Price/E
Buna	-20°F to 250°F	5400	\$2434.95
FKM-B	-10°F to 400°F	5400B	2678.45
FKM-GFLT	-20°F to 400°F	5400G	2799.55

Locking Handle Repair Kit for API Couplers

Description	Part #	Price/E
locking handle kit for 5300BC rack couplers	5354K21	\$245.35



API Valves

Application:

- used for bottom loading and unloading of petroleum tankers, typically mounted to the piping below each tank compartment using the built-in 4" TTMA flange connection

Description	Part #	Price/E
load/unload API valve with sight glass, ALH nose ring	5204	\$777.65
load only API valve without sight glass, ALH nose ring	5204LNG	547.50
load/unload API valve, without sight glass, fixed handle, Baylast™ seal	5204NG	777.65
load only API valve without sight glass, Baylast™ seal, stainless steel springs	5204LSNG	643.75
load only API valve without sight glass, Baylast™ seal, stainless steel springs with ½" FNPT drain port	5204LSNGP	721.00



5204NG



5204LNG