

4" API Valves

API Valves are used for bottom loading and unloading of petroleum tankers. Valve nose shape and opening comply with American Petroleum Institute standard (API RP-1004) enabling Dixon's API valves to interchange with competitor items made to the same specification. Two styles are available; a load model without handle and, a load/unload model with a handle to allow manual opening.

- Unique flow and fluid level sight indicator are available
- Load/unload versions feature an ergonomically curved handle that opens with a short 62° stroke. Can be ordered with a fixed or removable handle.
- Chemical resistant crank seals and poppet seal (Teflon® seals optional)
- Any required maintenance is simplified, can be completely rebuilt without removing the valve from the tank
- The ALH (anodized aluminum hard coat) nose ring can be rotated to provide a fresh cam service.
- See page 7 for tank truck flange gaskets.
- Aluminum ergonomic handle
- 5204NG approved for use in the following service: gasoline, diesel, E10 10% ethanol, E85 85% ethanol, E100 100% ethanol, B15 15% bio-diesel/diesel, B20 20% bio-diesel/diesel
- 5204NG tested performance to -40°F with 100% ethanol, B15 15% bio-diesel and B20 20% bio-diesel
- 5204NGV approved for use in the following service: B100 100% bio-diesel



5204



5204L

API Load /Unload Valve

Part #	Description
5204NG	Fixed handle, without sight glass, ALH nose ring, Baylast seal
5204	Fixed handle, sight glass, ALH nose ring, Baylast seal
5204C	Removable handle*, sight glass, ALH nose ring, Baylast seal
5204NGC	Removable handle*, without sight glass, ALH nose ring, Baylast seal
5204SNG	Fixed handle, without sight glass, ALH nose ring, stainless spring for crude oil, Baylast seal
5204TNG	Fixed handle, without sight glass, ALH nose ring, Teflon® seals
5204NGV	Fixed handle, without sight glass, Viton® seals

* Removable handle for Canadian market

API Load Only Valve

Part #	Description
5204L	Load only API valve with sight glass, ALH nose ring
5204LNG	Load only API valve without sight glass, ALH nose ring

Replacement Part Kits

Part #	Description
5204K1	Viton® poppet O-ring (for 5204NGV)
5204K2	Complete rebuild kit: all O-ring and bearings (load/unload versions only)
5204K3	Anodized aluminum hard coat nose ring with screws and gasket (load/unload versions only)
5204K4	Bayloy nose ring with screws and gaskets (load/unload versions only)
5204K5	Detachable handle assembly and pin (load/unload versions only)
5204K6	Teflon® encapsulated seals (load/unload versions only)
5204K7	Fixed handle assembly and pin (load/unload versions only)
5204K8	Sight glass kit (load/unload versions only)
5204K9	Sight glass cover (to convert to non-sight glass)
5204K10	Baylast O-ring for 5204

API Dust Caps



5000-25



5000-24

Part #	Description
41450-DCAL	Aluminum API cap with flat gasket
5000-24	Aluminum API cap with O-ring gasket
5000-25	Nylon API cap with flat gasket, pad lockable arm