

5500-SERIES API COUPLER

DATE

: 07/08/2026 12:52 AM

SKU

: 27180

BRAND

: DIXON VALVE

MODEL

: 5500E

Applications:

Combined with API adapters, these couplers are suitable for rail car and tank truck loading or unloading

Specifications:

Flow rate: 600 GPM at 3 PSI pressure drop; maximum flow rate: 1,000 GPM

Fully compliant with API RP 1004:2003 specifications

Seal operating temperature:

- Baylast: -35°F to 212°F (-37°C to 100°C)
- EPDM: -20°F to 250°F (-28°C to 121°C)
- FKM-B: -10°F to 400°F (-23°C to 204°C)
- FKM-GFLT: -30°F to 400°F (-34°C to 204°C)
- Fluorosilicone: -50°F to 350°F (-45°C to 176°C)
- HiFluor: -15°F to 400°F (-26°C to 204°C)

Features:

Locking five-cam design provides easy alignment and tight connection

Modular design allows various face seal combinations to be compatible with different alternative fuels, performance levels, and applications

Replaceable nose seal can be changed without removing coupler from loading arm

Fully interlocked collar creates a secure connection

4" TTMA inlet mounting flange connection

Ball-end handle for easy and comfortable operation

No special tools needed for maintenance

Construction:

Body: 356 T6 aluminum anodized hard-coat

Cam: stainless steel

Poppet: 356T6 aluminum anodized hard-coat

Seals: FKM-GFLT standard; Baylast, EPDM, Fluoroelastomer, FKM-B, HiFluor®

Link, shaft, pin, crank: hardened 17-4PH stainless steel

Handle: aluminum, stainless steel



* Referential image

** Some features may vary without prior notice. Sale subject to inventory availability

Safety notes:

WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

TECHNICAL SPECIFICATIONS

Description	5500 API rack coupler EPDM aluminum handle
Factory Part Number	5500E
Weight Lb	21.0000