5500-SERIES API COUPLER

DATE
: 11/23/2026 05:52 PM

SKU
: 27180

BRAND
: DIXON VALVE

MODEL
: 5500E



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

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 annodized 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

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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

KMX

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