

Elite Z6600 Zero Taper, Zero Pocket Knife Gate Valve

Brand: Elite Valve



Short Description

The Z6600 knife gate valve features a zero taper, zero pocket design with a perimeter seat and bore matching, specifically to handle demanding applications in the oil sands industry. Zero taper, zero pocket bore matching for improved reliability Bidirectional, perimeter seat, transverse seal design Low-temp carbon steel body ASME Class 300 3" to 36" (larger on request)

Description

Features & Benefits • Perimeter style seat provides reliable, bidirectional flow/shutoff for zero downstream leakage • Zero taper, zero pocket design and matched pipe ID allows maximum throughput while minimizing pressure drop and flow disruptions • Live loaded PTFE packing with scrapers provides reliable sealing • Heavy-duty, low-carbon steel body provides better durability in low temperatures • Carbide-tipped gate with low friction coating improves valve life and reliability • Rotatable wear rings with a weld overlay improves wear resistance and reduces maintenance • Lockout pin included as standard, ensures operator and maintenance safety • High visibility clevis provides easy identification of valve position • Provision for proximity sensors allows easy integration for position feedback • ISO 5211 mounting pattern allows direct mounting of various actuation options • Integrated lifting lugs included as standard for ease of installation (on sizes >12") Technical Details & Standards • Standard sizes available: 3"–36" (larger sizes available on request) • A352 LCC low-temp carbon steel body with low friction coating • A693 17-4PH H900 gate with HVOF chrome carbide tip and low-friction coating • 17-4PH stem with ACME threads • ASTM A36 heavy-duty yoke • Rotatable, carbon steel wear rings with tungsten carbide weld overlay • Viton GFLT perimeter seat

and UHMW-PE body liners • Live loaded PTFE packing with braided copper scrapers • Pressure rating as per ASME Class 300 • ASME B16.5 flange pattern (alternate flange patterns available on request) • Meets MSS SP-135 design requirements • CRN