



Vane Actuator Comparison

FEATURE	K-TORK	KINETROL	MATRYX	COMMENTS
Warranty	3 YEARS	1 YEAR	1 YEAR	
Integral NAMUR VDI / VDE 3845 accessory top works mounting pad	YES	NO	NO	Provides user flexibility and use of STANDARD BRACKETS for limit switch and positioner controls
Dual, opposed lip seal design	YES	YES	NO (O-Ring)	Long-life, high-cycle capable
Steel side plates	YES	NO (Nylon)	N/A	Longer lasting material
Made in the USA	YES	NO	NO	Suitable for "Buy America" projects
Max. Working Pressure Rating	150 PSI	100 PSI	120 PSI	K-TORK meets AWWA C-540 Standards
Max. Over-Pressure Rating	225 PSI	150 PSI	120 PSI	Safety design factor incorporated into K-TORK
Standard Temperature range	-20° F to 175° F	-5° F to 175° F	0° F. to 225° F.	
High Temperature option	300° F (K-SEAL)	300° F (Viton)	300° F (Viton)	Suitable for high ambient temperature applications
Output Drive Shaft Construction	High-tensile alloy steel, electroless-nickel plated	Ductile Iron	Carbon steel	K-TORK drive shaft suitable for higher torque outputs and enhanced corrosion resistance
Stainless Steel fasteners	YES	YES	NO	Corrosion resistance
Exterior Finish	Stoved Epoxy	Stoved Epoxy	Alkyd Enamel	Increased corrosion resistance
Interior Finish	Stoved Epoxy	Stoved Epoxy	NONE	Protection against dirty and contaminated air supply
Square output drive shaft	YES	YES	NO	Provides 4-position mounting quadrant flexibility
Cavities in case half casting	NO	YES	NO	Cavities collect atmospheric liquid ambient corrosives such as caustic wash down
Reduced rotation models available	YES	YES	NO	For special applications