

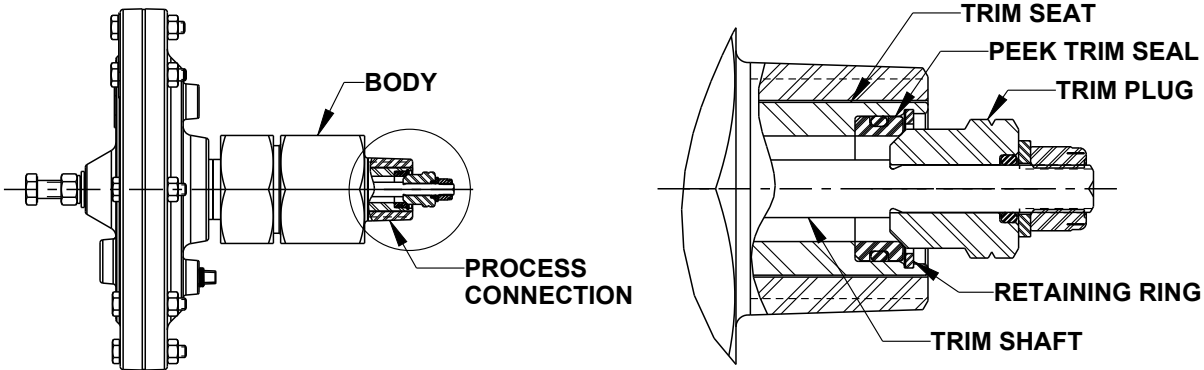
# KENCO ENGINEERING COMPANY

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## KENCO MODEL KDV DUMP VALVE WITH PEEK TRIM SEAL OPTION

### GENERAL DESCRIPTION:

The KENCO Model KDV Series Dump Valves are now available with a PEEK Trim Seal for those who want an alternative to the standard High Performance Polyurethane Trim Seal. PEEK has good wear, abrasion and chemical resistance and is an excellent choice in most oil and gas applications. KDV PEEK Trim Seals differ in design from the Polyurethane Trim Seals in that the seal is statically mounted in the Trim Seat and does not move with the Trim Plug. This allows for a smaller effective pressure area which results in less operating force on the valve at any given pressure when compared to a valve with the Polyurethane Trim Seal. A lower operating force means less wear and tear and longer life for valves in applications that see high pressure combined with high duty cycles.



**KENCO MODEL KDV DUMP VALVE WITH PEEK TRIM SEAL**

### SPECIFICATIONS:

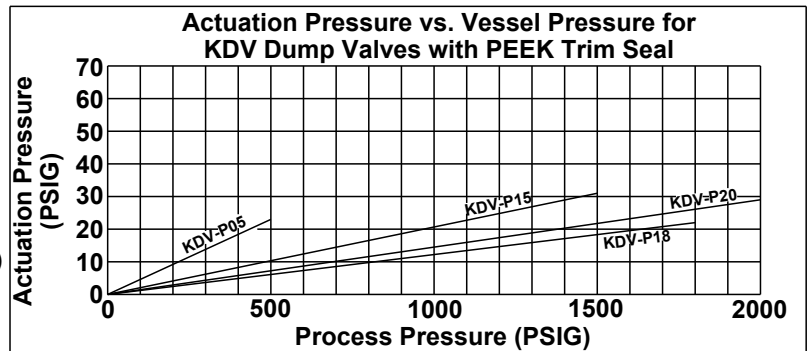
**Operating Temperature:** -30° F TO 250° F

**Operating Process Pressure:** Up to 2000 psi, depending on Model.

**Valve Actuation Pressure:** 70 psi max. See chart for minimums required at known process pressure. (Note: Actuation pressures higher than required are acceptable as long as they do not exceed the maximum rating of 70 psi)

**Body Material:** Nickel Plated 12L14 Carbon Steel (Standard)  
 Nace Compliant 316 Stainless Steel (Optional)

**Wetted Materials:** Nickel Plated 12L14 Carbon Steel, 303 Stainless Steel, Buna, Urethane (Standard);  
 Nace 316 Stainless Steel, Buna, Urethane, PEEK (Optional)



### Ordering Information:

Kenco Model KDV Dump Valves with PEEK Trim Seal can be ordered using the ordering guide shown below.

#### Kenco Model KDV Dump Valve with 1" Process Connection:

<b>KDV</b>	<b>P18</b>	<b>1</b>			
<b>Model</b> KDV = Kenco Dump Valve	<b>Pressure Rating</b> P18 = 1800 psi	<b>Process Connection Size</b> 1 = 1" MNPT	<b>Drain Connection Size</b> 05 = 1/2" FNPT 075 = 3/4" FNPT	<b>Trim Seal Material</b> Blank = Polyurethane PK = PEEK	<b>Wetted Material</b> Blank = Plated Carbon Steel/ 303 Stainless Steel S6 = 316 Stainless Steel

#### Kenco Model KDV Dump Valve with 2" Process Connection:

<b>KDV</b>		<b>2</b>	<b>1</b>		
<b>Model</b> KDV = Kenco Dump Valve	<b>Pressure Rating</b> P05 = 500 psi P15 = 1500 psi P20 = 2000 psi	<b>Process Connection Size</b> 2 = 2" MNPT	<b>Drain Connection Size</b> 1 = 1" FNPT	<b>Trim Seal Material</b> Blank = Polyurethane PK = PEEK	<b>Wetted Material</b> Blank = Plated Carbon Steel/ 303 Stainless Steel S6 = 316 Stainless Steel

•Example Order Number: KDV-P18-1-075-PK-S6

PEEK Trim Seal repair kits may also be used to convert existing Polyurethane Trim equipped KDV Dump Valves to PEEK Trim.

#### Kenco Model KDV Dump Valve PEEK Trim Seal Repair Kits:

<b>RK</b>				<b>KDV</b>
<b>RK</b> = Repair Kit	<b>Pressure Rating</b> P05S = 500 psi P15S = 1500 psi P18S = 1800 psi P20S = 2000 psi	<b>Trim Seal Material</b> Blank = Polyurethane PK = PEEK	<b>Wetted Material</b> Blank = Plated Carbon Steel/ 303 Stainless Steel S6 = 316 Stainless Steel	<b>Model</b> = KDV