



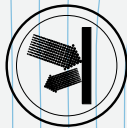
ADVANCED  
BLENDING  
SOLUTIONS<sub>LLC</sub>



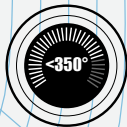
Tomorrow's challenges solved today.

# GATE VALVES

## KNIFEGATES



**AIR-TIGHT SEALS**



**HIGH-TEMPERATURE  
OPTION**



**DOUBLE ACTING  
PNEUMATIC CYLINDER**



**HIGH-QUALITY  
ALUMINUM & STAINLESS STEEL**



**OPTIONAL CYLINDER POSITION SWITCH**

**KNIFEGATES** provide a high-quality sealed valve. Valves are used at the outlets of vacuum receivers and vacuum systems, as common material line check valves, and on WH-series Weigh Hoppers. Knifegates' air-tight seal is ensured to be vacuum-tight. Aluminum body and stainless steel blade are food-grade quality. A variety of sizes and a high-temp option are available to meet material handling needs. Optional cylinder position switch gives visual indication (light and signal to system controls) that the knifegate has moved into the correct position for process.

**SQUARE KNIFEGATES** are used in regrind and special material applications.



## KNIFEGATES

| ITEM                                                                | DESCRIPTION           |        | ORDER CODE |
|---------------------------------------------------------------------|-----------------------|--------|------------|
| Knifegate                                                           | Knifegate             |        | KG         |
| Inlet/Outlet Tube Sizes                                             | SIZE                  | TUBE   | PIPE       |
|                                                                     | 1.5 inch              | 1500   | 1900*      |
|                                                                     | 2 inch                | 2000   | 2375*      |
|                                                                     | 2.5 inch              | 2500   | 2875**     |
|                                                                     | 3 inch                | 3000   | 3500**     |
|                                                                     | 3.5 inch              | 3500   | 4000**     |
|                                                                     | 4 inch                | 4000   | 4500**     |
|                                                                     | 4.5 inch              | 4500   | -          |
|                                                                     | 5 inch                | 5000   | 5563**     |
|                                                                     | 6 inch                | 6000   | 6625**     |
| 8 inch                                                              | 8000                  | 8625** |            |
| Temperature                                                         | Standard Temp (<150°) |        | ST         |
|                                                                     | High Temp (<350°)     |        | HT         |
| Insert Order Code Selections to Create Part Number: <u>KG</u> _____ |                       |        |            |

## SQUARE KNIFEGATES

| ITEM                                                                                               | DESCRIPTION           | ORDER CODE |
|----------------------------------------------------------------------------------------------------|-----------------------|------------|
| Square Knifegate                                                                                   | Square Knifegate      | KGS        |
| Size                                                                                               | 5 inch                | 5000       |
|                                                                                                    | 6 inch                | 6000       |
| Temperature                                                                                        | Standard Temp (<150°) | ST         |
|                                                                                                    | High Temp (<350°)     | HT         |
| Insert Order Code Selections to Create Part Number: <u>  KGS  </u> <u>        </u> <u>        </u> |                       |            |

\*Schedule 40 Piping

\*\* Schedule 10 Piping