



GEMCO VALVE COMPARISON

Gemco Valve Comparison Chart – From our basic dust-tight to our most sophisticated High Performance models Gemco Valve offers the widest range of sizes, material of construction, finishes and control options, more than anyone else in the industry.

FEATURES	P21 HIGH PERFORMANCE VALVE	T HEAVY DUTY PERFORMANCE VALVE	TLD LIGHTWEIGHT VALVE	SANI K VALVE
Designed for 10 bar and full vacuum	✓			
Designed for 3 bar and full vacuum	✓	✓		
Designed for 1 bar and full vacuum	✓	✓	✓	
Dust tight	✓	✓	✓	✓
Hi temp 200°C to 800°C	✓	✓		
Can be configured with a solid re-inforced Teflon (RPTFE) seat, metal seat or inflatable seat.	✓	✓		
Can be engineered with flush mount pad to minimize or eliminate "dead space" cavities on mixer discharge.	✓	✓	✓	✓
Options include the full range of sanitary finishes and clean in place spray balls or nozzles.	✓	✓	✓	✓
AVAILABLE MATERIALS				
Stainless Steel	✓	✓	✓	✓
Hastelloy	✓	✓	✓	
Carbon Steel	✓	✓	✓	
Cast Iron		✓		
BEST USE				
Engineered for the most demanding applications in general chemical, pharmaceutical and most solids processing industries.	✓			
Heavy duty applications including handling sand and gravels, metal powder, ceramics and other challenging bulk solids.	✓	✓		
Light density materials such as foods and pharmaceuticals and on rotating and mobile equipment where weight is a concern.			✓	✓
Valve can also be completely dis-assembled with simple hand tools, allowing quick and easy inspection and cleaning.				✓
COST	High End	Great Value	Budget	Great Value

There are six different seat leakage classifications as defined by ANSI FCI 70-2. The most commonly used by Gemco Valve are **CLASS I, CLASS IV and CLASS VI.**

CLASS I

Known as dust tight and can refer to metal or resilient seated valves.

CLASS IV

Known as metal to metal. It is the kind of leakage rate you can expect from a valve with a metal shut-off disc and metal seat.

CLASS VI

Known as a soft seat classification. Soft Seat Valves are those where the seat or shut-off disc or both are made from some kind of resilient material such as Teflon®.