

CAST STEEL VALVE

SERVICE FEATURES

- Several trim combinations available for various services.
- Straight-through port design offering a good flow with minimum frictional loss and turbulence.
- Cast steel Valve suitable for works demanding strength, shock resistance, elongation and heat resistance.
- Bottom seating of seat rings ground accurately for maximum strength and tightness(globe).
- Bypass mounting to equalize pressures.
- Normal yoke bushing furnished with ductility resistant to high melting point of above 2200°F.
- Level and weight available to accelerate/decelerate disc closing (swing check).
- Designed for maximum flow with minimum pressure drop if possible.
- Precision-ground seating surfaces and revolving disc providing a long life.

In the refineries, power plants, utilities and petrochemical/chemical process industries, PK cast steel valve have been regarded as of great importance about their excellent performance and reliability.

By discriminatory blending of carefully selected materials combined with sound design and precision machining/assembly under strict quality controls, PK steel valve have gained general and wide acceptance. The products are manufactured in accordance with ASTM, ANSI, or other international standards.

CAST STEEL VALVE PRODUCTION RANGE

UNIT : NPS

Type \ Class	150	300	600	900	1500	2500
GATE	2-∞	2-80	2-48	2-48	2-30	2-30
GLOBE	2-64	2-64	2-36	2-36	2-24	2-24
SWING CHECK	2-64	2-64	2-48	2-36	2-30	2-30
TILTING CHECK	2-64	2-64	2-48	2-36	2-30	2-30
Y-GLOBE	2-60	2-48	2-36	2-36	2-24	2-24
ANGLE GLOBE	2-24	2-24	2-24	2-24	2-24	2-24

PRODUCTION MATERIALS

- Carbon Steel : ASTM A216-WCB or Equivalent
- Alloy Steel : ASTM A217-WC6, WC9, C5, C12, C12A or Equivalent
- Stainless Steel : ASTM A351-CF8, CF8M, CF3, CF3M, CN7M, or Equivalent
- Duplex Stainless Steel : ASTM A995-1A, 2A, 4A, 5A or Equivalent
- Special Alloy Steel : Inconel 625, Incoloy 825, Hastelloy C, Monel, AL-BRONZE
- ASME SA designation material(e.g ASME SA217-WC6)