



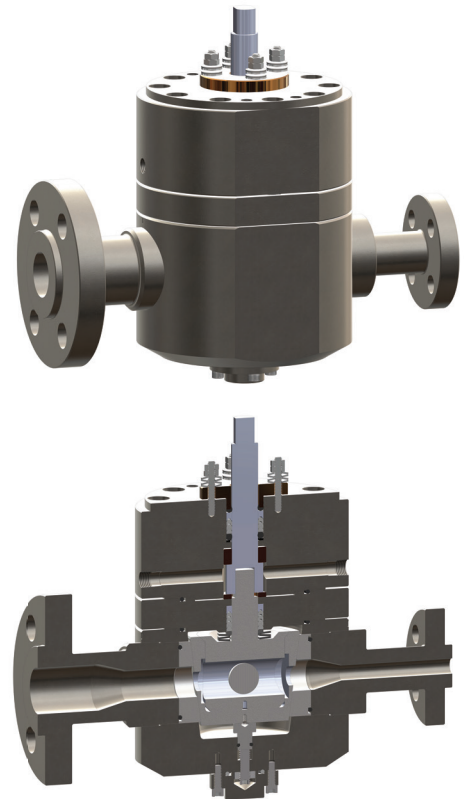
MCF - Copeland Cat Feeder

Since 1947, Copeland has been a well-known innovator in highly engineered, metal seated ball valves. For nearly 80 years, our team has been providing high-end valve solutions to many high temperature, high pressure severe service applications through our core markets in Power and Oil & Gas.

Reliability has been the core focus for our valve products over this time, and we take pride in the long-lasting installed life of our products with applications success of over 1 million cycles between change outs. We continue to innovate through our long-standing expertise and stand behind our products' success with fast service that you can rely upon, and product availability that keeps your plants online and performing at their peak.

The **MCF - Copeland Cat Feeder Valve** was introduced more than 20-years ago, designed to solve a critical application desperately needing an extended valve service life in highly erosive applications.

The catalyst feeder applications found in Refining and Petrochemical applications supply catalyst to chemical reactors in the form of highly erosive slurry applications, often containing solids within the flow stream. Valves with any form of flow obstruction, or soft parts, will quickly clog and/or wear to failure in these applications. The wide open port and metal seated ball valve technology used by Copeland reduces failure rate, and extends the lifecycle to exceed over 1 millions cycles in many applications.



Features and Benefits

- ANSI 600# class, forged body construction for robust lifespan.
- Metal seated ball valve designed high cycles applications.
- Polished and hardened seat surface that prevent wear and impurities from collecting against critical areas.
- Sealing surfaces coated with CFS131 chrome carbide applied through high precision HVOF thermal spray to resist erosive wear.
- Actuated for high cycle, automated control.
- Flanged end connections for ease of removal for valve service.
- Available in 35cc, 50cc, and 70cc injection per cycle.
- Live loaded packing boxes with optional nitrogen purge to exceed the tight fugitive emissions standards of high-pressure oil and gas applications.
- Available with flanged flush ports to reduce catalyst build up and clogging.
- Custom engineered options for specialized applications.

Valve Size (NPS)	ANSI Class	End Size	Body Material
35 cc	600#	1-1/2" x 1/2"	ASTM A105
50 cc	600#	1-1/2" x 1/2"	ASTM A105
70 cc	600#	1-1/2" x 1/2"	ASTM A105