

CAM30-MT multitrिम production choke

Adapt to multiple trim types

Where it is used

With its ability to easily be configured for multiple applications and evolving field conditions, the CAM30-MT multitrिम production choke is an all-inclusive choke solution for production and injection applications in conventional and unconventional operations.

How it works

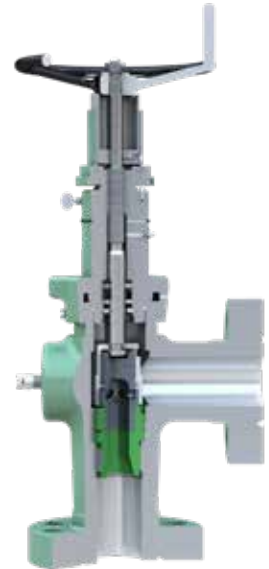
The CAM30-MT choke has a modular design easily adapted for multiple trim types and either manual or actuated operation. Constructed with solid tungsten carbide, the CAM30-MT choke can resist wear and erosion commonly found in both conventional and unconventional production environments.

Key features

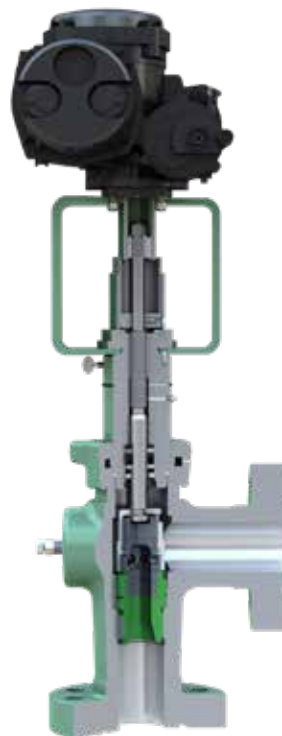
- Up to 10,000-psi pressure rating as standard
- Standard flange and end connection options for both API and ASME connection types
- Alternative end connections and dimensions available
- API Spec 6A material classes EE, FF, and HH
- API Spec 6A temperature classification over full range L-U
- API Spec 16C classification for choke and kill systems
- Does not require technician to replace stem and packing when replacing worn trim

Standard trims

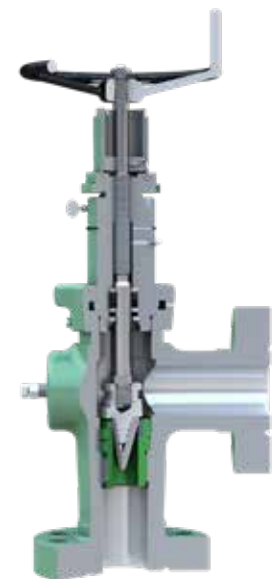
- Needle and seat (N&S)
 - 2-in diameter: 120 Cv
- External floating sleeve (FS)
 - 1.625-in equivalent orifice: 60 Cv
 - 1.00-in equivalent orifice: 23 Cv
 - 0.72-in equivalent orifice: 12.5 Cv
- Plug and cage (P&C)
 - 2.4-in equivalent orifice: 125 Cv
- Positive beans



Manual CAM30-MT choke with floating sleeve trim.



Actuated CAM30-MT choke with floating sleeve trim.



Manual CAM30-MT choke with needle-and-seat trim.

CAM30-MT

Actuation options

- Manual handwheel
- Electric, pneumatic, or hydraulic actuation
- Wired or SCADA wireless remote control
- Control and position feedback via 4–20 mA or multiple other protocols

Spares and maintenance

- Spares: trim kits, seal kits, replaceable needle tips
- Manual: actuation conversion kits
- N&S: FS cage trim conversion kits
- Conversion from positive to adjustable and vice versa

Specifications

API flanges sizes, in		Max. working pressure (gauge), psi	Dimensions, in [mm] [†]		Weight, lbm [kg]	
Inlet	Outlet		A	B	Manual	Actuated
2.06 API 10000	2.0625 API 10000	10,000	11.75 [298.45]	10.38 [263.652]	328.1 [148.8]	377.1 [171]
2.56 API 10000	2.56 API 10000	10,000	11.75 [298.45]	10.38 [263.652]	341.2 [154.8]	390.2 [177]
3.06 API 10000	3.0625 API 10000	10,000	11.75 [298.45]	10.38 [263.652]	383.4 [173.9]	432.4 [196.1]
4.06 API 10000	4.0625 API 10000	10,000	14 [355.6]	14 [355.6]	383.4 [173.9]	432.4 [196.1]
2.06 API 5000	2.0625 API 5000	5,000	11.38 [289.052]	8.88 [225.552]	204 [92.5]	253 [114.8]
2.58 API 5000	2.56 API 5000	5,000	11.75 [298.45]	9.51 [241.554]	239.4 [108.6]	288.4 [130.8]
3.13 API 5000	3.13 API 5000	5,000	11.38 [289.052]	8.88 [225.552]	227.5 [103.2]	276.5 [125.4]
4.06 API 5000	4.0625 API 5000	5,000	12.625 [320.675]	10.125 [257.175]	235.6 [106.9]	284.6 [129.1]
4.13 API 5000	4.13 API 5000	5,000	11.5 [292.1]	10 [254]	290.6 [131.8]	339.6 [154]

[†] Dimensions listed ±0.12 in [3 mm].

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