



CACTUS FLOW
PRODUCTS

CHOKE VALVES

PRODUCT CATALOG

ENGINEERED PRESSURE CONTROL

2026

API 6A LICENSED

| API Q1 LICENSED

| ISO 9001

The background of the image is a close-up, slightly blurred view of the American flag. The stars are visible in the upper half, and the stripes are visible in the lower half. The colors are muted, appearing in shades of dark blue, grey, and red.

CACTUS CHOKES

PROUDLY MADE IN THE USA

TABLE OF CONTENTS

04	About Cactus Chokes
05	Choke Offering
06	How to Order
07	Parts Ordering Information
08-10	Adjustable & Positive Chokes
11	Target Chokes / Plug & Cage Chokes
12	External Sleeve / Inline Disc Chokes – <i>NEW!</i>
13	CMA Angled Disc Choke
14	Choke Stems & Seats
15-16	Choke Beans & Accessories

**WE ARE THE LEADING MANUFACTURER OF CHOKE PARTS &
ASSEMBLIES**

Powering The Industry That Powers The World



ABOUT CACTUS CHOKES

Cactus Flow Products manufactures production and wellhead choke valves for high-pressure oilfield service. Adjustable, positive, target, external sleeve, plug and cage, and disc designs provide predictable flow control across production, testing, well service, flowback, and other demanding applications.

Models cover 2,000 to 15,000 PSI with threaded, butt-weld, hammer-union, and flanged connections. Our chokes and replacement parts are proudly made in the USA and supported by stocked inventory, quick delivery, and application-led selection of pressure class, connection, orifice, trim, and service requirements.



POSITIVE CHOKES



CHOKES PARTS



PLUG & CAGE CHOKES



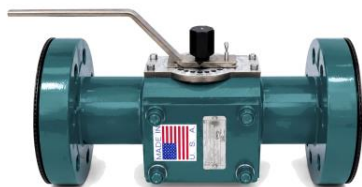
ADJUSTABLE CHOKES



TARGET CHOKES



EXTERNAL SLEEVE CHOKES



INLINE DISC CHOKES



ANGLED DISC CHOKES

TIPS TO ORDER CHOKES

01.

Type of Choke:

Positive, Adjustable & Disc Chokes
Positive assemblies not furnished with a Flow Bean

02.

Specify Working Pressure

03.

Type of Inlet and Outlet Connections:

Threaded, Socket Weld, Butt Weld, WECO Connections, and Flanged Ends

04.

Specify Trim Size:

Orifice Required - 3/4 in, 1 in, and 2 in MAX

05.

Trim Material:

Alloy Steel, Alloy Steel with Tungsten Carbide, Stainless Steel, Stainless Steel with Tungsten Carbide

06.

Specify Heater Choke if Applicable

07.

Choke Beans:

Positive chokes do not come with a Flow Bean - Flow Beans are sold separately



FLOW BEANS



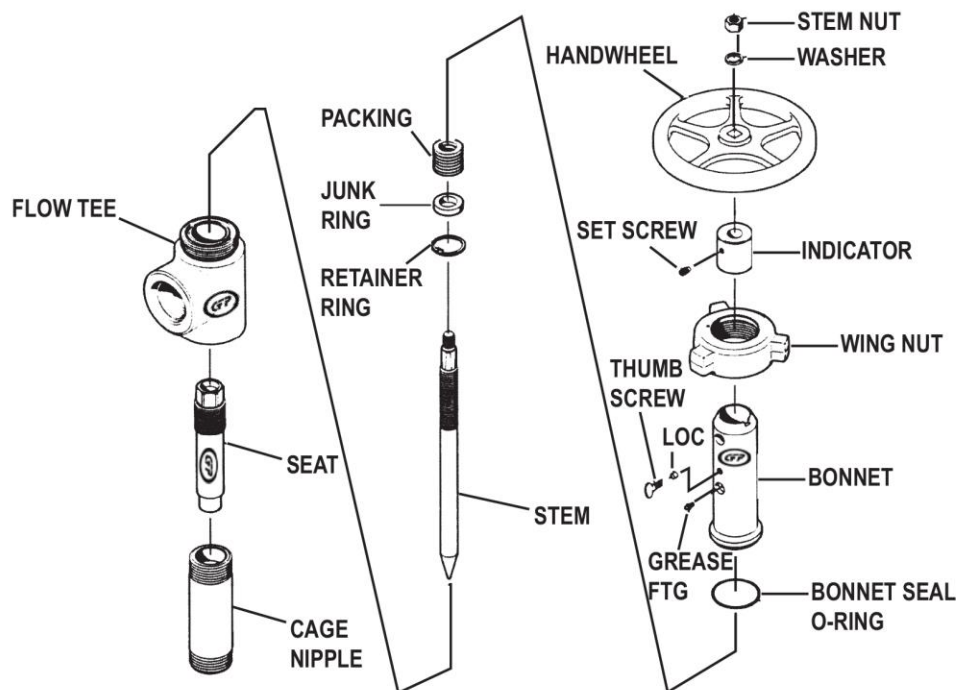
BONNET ASSEMBLIES



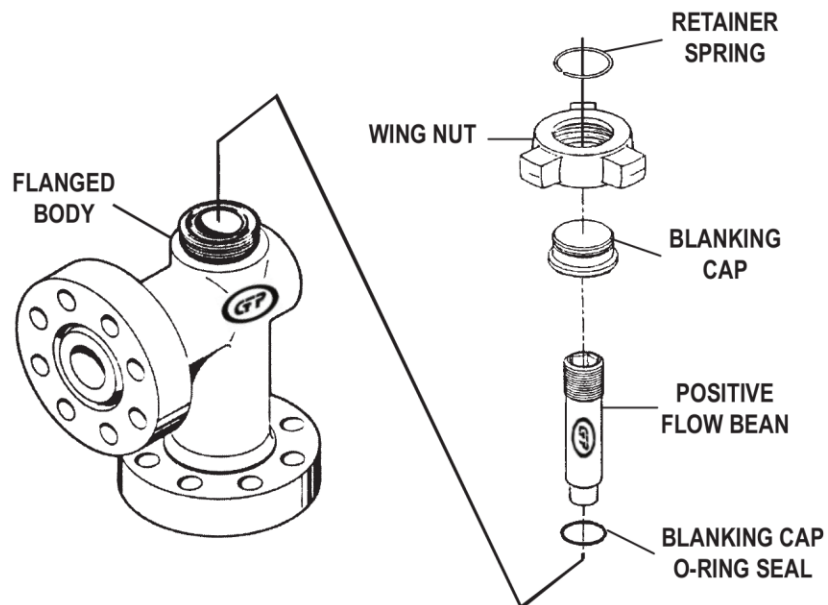
STEMS & SEATS

PARTS ORDERING INFORMATION

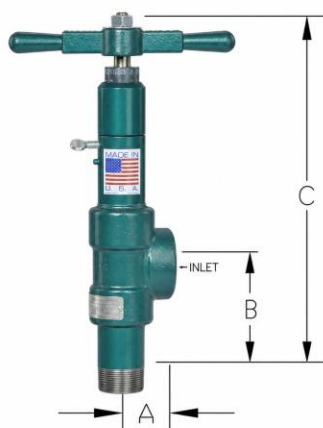
ADJUSTABLE CHOKES



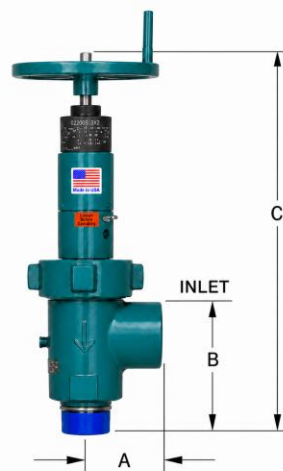
POSITIVE CHOKES



CP29 / CP30



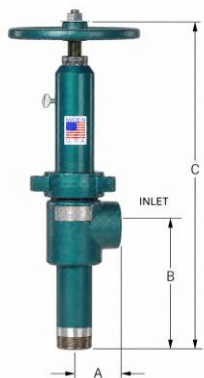
CH63



MODEL NO.	INLET	OUTLET	WORKING PRESSURE (NSCWP)	ORIFICE SIZE	DIMENSIONS (INCHES)		
					A	B	C
CP29	2 in FNPT	2 in MNPT	2,000 PSI	3/4 in & 1 in	2.30	5.30	18.00
CP30	2 in FNPT	2 in MNPT	3,000 PSI	3/4 in & 1 in	3.10	5.30	18.00
CH63	3 in FNPT	3 in MNPT	3,000 PSI	2 in	4.25	7.50	25.00
CH63	2 in FNPT	2 in MNPT	5,000 PSI	3/4 in to 1 in	CONFIRM	CONFIRM	CONFIRM

FEATURES: Product simplicity; suitable for a wide range of applications; hardened alloy steel stems and seats as standard trim; stainless steel or stainless steel with tungsten carbide trim available on request; field repairable; economical.

CN60



CFT108



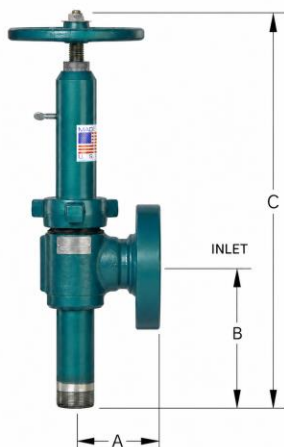
MODEL NO.	INLET	OUTLET	WORKING PRESSURE (NSCWP)	ORIFICE SIZE	DIMENSIONS (INCHES)		
					A	B	C
CN60	2 in FNPT	2 in MNPT	5,000 PSI	3/4 in & 1 in	2.75	9.00	25.00
CFT108	2 in FNPT	2 in MNPT	5,000 PSI	1 in MAX	2.75	9.00	13.00

FEATURES: Adjustable or positive; various trim options; wing nut bonnet and cap for field conversion or repair; threaded or flanged inlet availability; stem lock; indicator in 64ths; choice of orifice sizes; renewable seat; 1 in or 2 in threaded ends; standard or H2S service; replacement parts available.

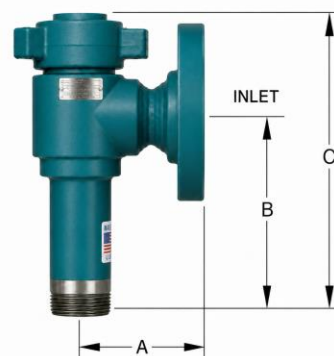
* Dimensions are approximate. Confirm the 5,000 PSI CH63 configuration and dimensions before release.

** Positive chokes are furnished without a flow bean; specify the required orifice size when ordering.

CFT116A



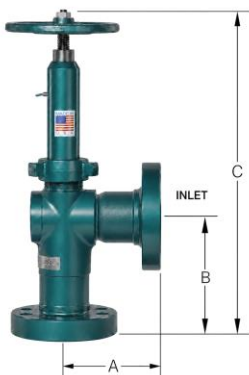
CFT116P



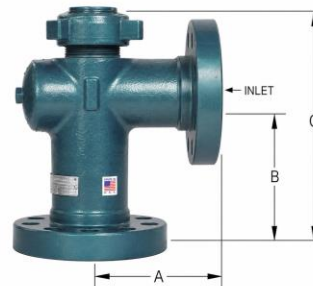
MODEL NO.	INLET	OUTLET	WORKING PRESSURE (NSCWP)	ORIFICE SIZE	DIMENSIONS (INCHES)		
					A	B	C
CFT116A	2 1/16 in	2 in MNPT	5,000 PSI	3/4 in & 1 in	6.63	9.00	23.50
CFT116P	2 1/16 in	2 in MNPT	5,000 PSI	1 in MAX	6.63	9.00	13.50

FEATURES: Product simplicity; broad application coverage; stainless steel with tungsten carbide trim available; field repairable; economical.

CN62



CT1



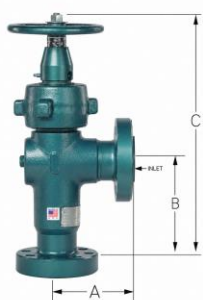
MODEL NO.	FLANGE SIZE INLET & OUTLET	WORKING PRESSURE (NSCWP)	ORIFICE SIZE	DIMENSIONS (INCHES)		
				A	B	C
CN62 CT1	2 1/16 in	2,000 PSI	3/4 in & 1 in 1 in MAX	7.50	9.38	26.00 14.50
CN62 CT1	2 1/16 in	5,000 PSI	3/4 in & 1 in 1 in MAX	7.50	9.38	26.00 13.88
CN62 CT1	2 or 3 in ANSI 150 RF	275 PSI	3/4 in & 1 in 1 in MAX	7.50	9.38	26.00 14.13
CN62 CT1	2 or 3 in ANSI 300 RF	720 PSI	3/4 in & 1 in 1 in MAX	7.50	9.38	26.00 14.13
CN62 CT1	2 or 3 in ANSI 600 RF	1,440 PSI	3/4 in & 1 in 1 in MAX	7.50	9.38	26.00 14.13

FEATURES: Available in alloy or full stainless steel; RF or RTJ end connections; standard or H2S service; stainless steel or stainless steel with tungsten carbide trim.

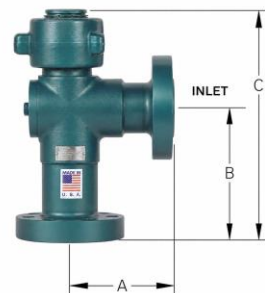
** Dimensions are approximate; confirm the selected pressure and flange configuration before quote.*

*** Positive chokes are furnished without a flow bean; specify the required orifice size when ordering.*

CJWA



CPC

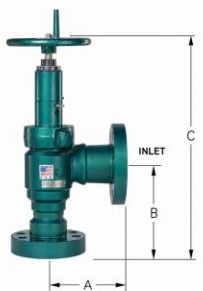


MODEL NO.	FLANGE SIZE INLET & OUTLET	WORKING PRESSURE (NSCWP)	ORIFICE SIZE	DIMENSIONS (INCHES)		
				A	B	C
CJWA CPC	2 1/16 in	5,000 PSI	3/4 in & 1 in 1 in MAX	7.50	9.38	23.00 14.13
CJWA CPC	1 13/16 in	10,000 PSI	3/4 in & 1 in 1 in MAX	7.50	9.38 9.19	23.00 14.13
CJWA CPC	2 1/16 in	10,000 PSI	3/4 in & 1 in 1 in MAX	7.50	9.38	23.00 16.31
CJWA CPC	1 13/16 in	15,000 PSI	3/4 in & 1 in 1 in MAX	7.38	10.30 10.13	27.00 18.88
CJWA CPC	2 1/16 in	15,000 PSI	3/4 in & 1 in 1 in MAX	7.38	10.30 10.13	27.00 18.88

FEATURES:

Available in alloy or full stainless steel; RF or RTJ end connections; standard or H2S service; stainless steel or stainless steel with tungsten carbide trim.

CH22A



CH22P



MODEL NO.	FLANGE SIZE INLET & OUTLET	WORKING PRESSURE (NSCWP)	ORIFICE SIZE	DIMENSIONS (INCHES)		
				A	B	C
CH22A CH22P	3 1/8 in	3,000 PSI	1 in, 1 3/4 in & 2 in 2 in MAX	8.88	11.38	33.00 18.50
CH22A CH22P	2 1/16 in	5,000 PSI	1 in, 1 3/4 in & 2 in 2 in MAX	8.88	11.38	33.00 18.50
CH22A CH22P	2 9/16 in	5,000 PSI	1 in, 1 3/4 in & 2 in 2 in MAX	8.88	11.75	33.00 18.50
CH22A CH22P	3 1/8 in	5,000 PSI	1 in, 1 3/4 in & 2 in 2 in MAX	8.88	11.38	33.00 18.50
CH22A CH22P	2 9/16 in	10,000 PSI	1 in, 1 3/4 in & 2 in 2 in MAX	10.38	11.75	33.25 18.75
CH22A CH22P	3 1/16 in	10,000 PSI	1 in, 1 3/4 in & 2 in 2 in MAX	10.38	11.75	33.25 18.25

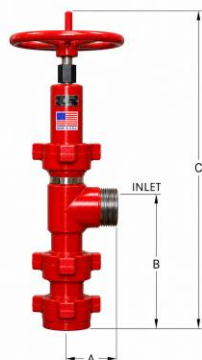
FEATURES:

CH22-style chokes are available from 2,000 to 15,000 PSI and with ANSI 150 to 2500 flanged ends in RF or RTJ configurations.

** Dimensions are approximate; confirm the selected pressure, flange, orifice, and service configuration before quote.*

CHOKE ASSEMBLIES

TARGET CHOKES



CEHC65 / CEHC78



MODEL NO.	INLET & OUTLET	WORKING PRESSURE (NSCWP)	ORIFICE SIZE	DIMENSIONS (INCHES) A / B / C
80152X	2 in 1502 F x M	10,000 PSI	3/4 in, 1 in & 2 in	5.00 / 7.00 / 27.50
80182X	3 in 1502 F x M	10,000 PSI	2 in MAX	6.00 / 6.63 / 25.00
80153X	2 in 1502 F x M	15,000 PSI	3/4 in, 1 in & 2 in	5.00 / 7.00 / 27.50
80183X	3 in 1502 F x M	15,000 PSI	2 in MAX	6.00 / 6.63 / 25.00
C65LHC / C65SHC	2 in FNPT / 2 in socket weld	6,500 PSI	1/2 in, 3/4 in & 1 in	3.25 / 12.25 / 28.50
C78LHC / C78SHC	2 in FNPT / 2 in socket weld	7,800 PSI	1/2 in, 3/4 in & 1 in	3.25 / 12.25 / 28.50

FEATURES: Target models use Figure 1502 hammer-union connections for flowback and frac service. CEHC65/78 economy heater chokes support standard or H2S service, threaded bonnet construction, and SS or SS/TC trim.

CLPB



CLPBB



MODEL NO.	WORKING PRESSURE	SIZE RANGE	END CONNECTIONS	TRIM / DESIGN	A (IN)	B (IN)	C (IN)
CLPB	2K to 15K API; ANSI to 1500#	1 13/16 in to 4 1/16 in	API/ANSI flanged, butt-weld, or hammer union	Trim .75 - 2.2; pressure-balanced	8.88 / 10.38	11.38 / 11.75	N/A
CLPBB	2K to 15K API; ANSI to 1500#	1 13/16 in to 4 1/16 in	API/ANSI flanged, butt-weld, or hammer union	Trim .75 - 3.2; bolted bonnet	8.88 / 10.38	11.38 / 11.75	N/A

FEATURES: High-Cv, pressure-balanced plug-and-cage control with equal-percentage flow characteristics and lower operating torque. Tungsten carbide trim is available for erosive service.

** Dimensions and configuration data are approximate; confirm pressure class, connection, trim, service, and final fit before quote.*

CC10 / CC20



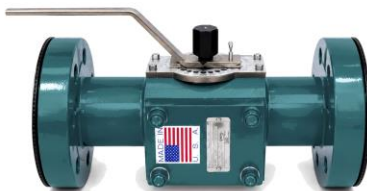
CMC



MODEL NO.	WORKING PRESSURE	SIZE / OPERATION	END CONNECTIONS / FLOW AREAS	TRIM / PROTECTION	A (IN)	B (IN)	C (IN)
CC10	5,000 to 15,000 PSI	1 in configuration	Threaded, flanged, butt weld, or socket weld	Trim 0.75 - 3.2 in; manual or actuated	8.88 / 10.38	11.38 / 11.75	N/A
CC20	5,000 to 15,000 PSI	2 in configuration	Threaded, flanged, butt weld, or socket weld	Trim 0.75 - 3.2 in; manual or actuated	8.88 / 10.38	11.38 / 11.75	N/A
CMC	5,000 PSI	Quarter-turn MOV disc trim	Threaded, flanged, BW or SW; pie, circular or half-moon	Replaceable outlet wear sleeve; manual or actuated	N/A	N/A	N/A

FEATURES: CC10 / CC20 use ported-cage external-sleeve control with solid tungsten carbide or stainless steel cage and sleeve. CMC adds quarter-turn MOV disc control with selectable flow-area geometry.

CMI20



MODEL NO.	WORKING PRESSURE	OPERATION	CONNECTIONS / FLOW AREAS	SERVICE / PROTECTION
CMI20	5,000 PSI	Three-quarter-turn MOV disc trim	Threaded, flanged, BW or SW; pie, circular or half-moon	1 in / 2 in; standard, NACE, high or low temp

CMI20 TEMPERATURE CLASSES

CLASS	OPERATING RANGE °F	OPERATING RANGE °C
L	-50 to +180	-46 to +82
P	-20 to +180	-29 to +82
S	0 to +150	-18 to +66
T	0 to +180	-18 to +82
U	0 to +250	-18 to +121
V	+35 to +250	+2 to +121
X	0 to +350	-18 to +177
Y	0 to +650	-18 to +343

* Confirm pressure class, connection, flow-area geometry, disc material, temperature class, actuation, service, and final fit before quote.

CHOKE ASSEMBLIES

CMA ANGLED DISC CHOKE



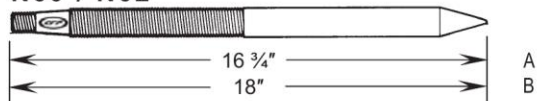
INLET & OUTLET	WORKING PRESSURE (NSCWP)	ORIFICE SIZE	DIMENSIONS (INCHES)		
			A	B	C
1" FLP 2" FLP	X PSI	1/4", 3/8", 1/2" 5/8", 3/4"	3.46	5.58	15.565
1" BUTT WELD 2" BUTT WELD	X PSI	1/4", 3/8", 1/2" 5/8", 3/4"	3.46	5.58	15.565
2" SOCKET WELD	X PSI	1/4", 3/8", 1/2" 5/8", 3/4"	1.58	3.60	14.215
1" ANSI 150 RF 2" ANSI 150 RF	285 PSI	1/4", 3/8", 1/2" 5/8", 3/4"	5.02 5.33	7.86 8.17	17.845 18.155
1" ANSI 300 RF 2" ANSI 300 RF	740 PSI	1/4", 3/8", 1/2" 5/8", 3/4"	5.27 5.58	8.11 8.42	18.095 18.405
1" ANSI 600 RF 2" ANSI 600 RF	1,480 PSI	1/4", 3/8", 1/2" 5/8", 3/4"	5.52 5.96	8.36 8.80	18.345 18.785
1" ANSI 900/1500 RF 2" ANSI 900/1500 RF	3,705 PSI	1/4", 3/8", 1/2" 5/8", 3/4"	5.96 7.08	8.80 9.92	17.785 19.905
2-1/16" API RTJ	3,000 PSI	1/4", 3/8", 1/2" 5/8", 3/4"	7.14	9.98	19.965
2-1/16" API RTJ	5,000 PSI	1/4", 3/8", 1/2" 5/8", 3/4"	7.14	9.98	19.965
2-9/16" API RTJ	3,000 PSI	1/4", 3/8", 1/2" 5/8", 3/4"	7.27	10.11	20.095
2-9/16" API RTJ	5,000 PSI	1/4", 3/8", 1/2" 5/8", 3/4"	7.27	10.11	20.95

FEATURES: Good for high-temperature environments such as steam service; live-loaded packing for reliable stem sealing; versatile end connections; body rated for 5,000 PSI working pressure (de-rated in extreme temperatures); all sizes and configurations available with ANSI or API flanges (RF or RTJ); disc sizes 1/4", 3/8", 1/2", 5/8", and 3/4".

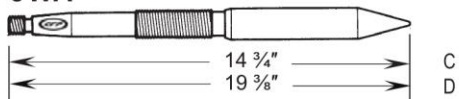
* Confirm working pressure for FLP, butt-weld, and socket-weld configurations before quote.

OIL CENTER TOOL

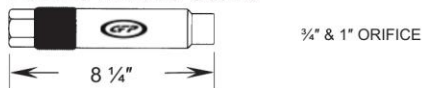
N60 / N62



JWA



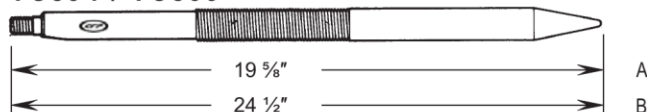
FC-140 227036 SS/TC



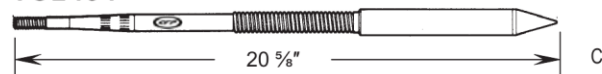
A	16 3/4"	O-60 / N60 / FT116A	226347 SS/TC
B	18"	N62	226447 SS/TC
C	14 3/4"	JWA 5M/10M	226547 SS/TC
D	19 3/8"	JWA 15M	226557 SS/TC

THORNHILL-CRAVER

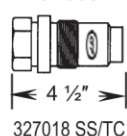
TC894 / TC899



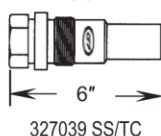
TC2491



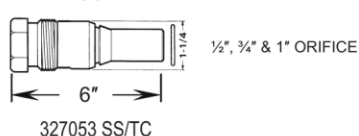
TC1003A



TC642



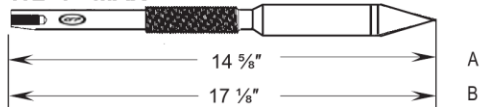
TC3147



A	19 5/8"	TC-894 3M/5M/10M	326012 SS/TC
B	24 1/2"	TC-899 3M/5M/10M	326032 SS/TC
C	20 5/8"	TC-2491 15M HEATER	326042 SS/TC

CAMERON IRON WORKS

H2 1" MAX

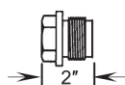


H2 2" MAX 426244 SS/TC

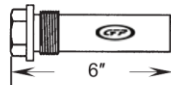


A	14 5/8"	H2 1" MAX 3M/5M/10M	426154 SS/TC
B	17 1/8"	H2 1" MAX 15M	426164 SS/TC
C	23 1/4"	H2 2" MAX 3M/5M/10M/15M	426244 SS/TC

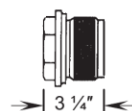
1" MAX HONEST JOHN 427154 SS/TC



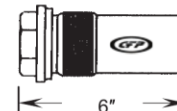
BIG JOHN 427164 SS/TC



2" MAX H2 HONEST JOHN 427254 SS/TC

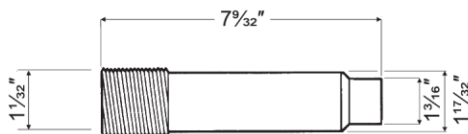


BIG JOHN 427258 SS/TC



OIL CENTER TOOL

POSITIVE BEAN



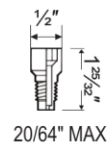
"FC-140"
CFP PART NO.: 2530XX AS/CER

MASTER BEAN



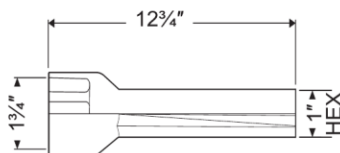
"FC-141"
CFP PART NO.: 250141

"P" BEAN

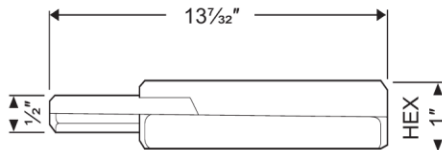


"FC-142 P"
CFP PART NO.: 2505XX

WRENCHES

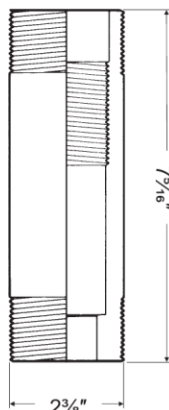


"FC-140"
CFP PART NO.: 239012



"FC-143"
CFP PART NO.: 239015

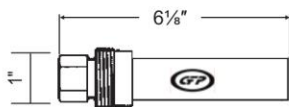
CAGE NIPPLE



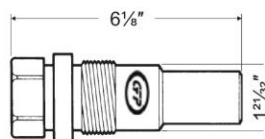
"FC140"
CFP PART NO.: 229011

THORNHILL-CRAVER

POSITIVE BEANS

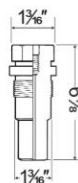


"TC-1017"
CFP PART NO.: 3539XX AS/CER

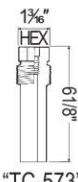


"TC-1003 P"
CFP PART NO.: 3530XX AS/CER

MASTER BEANS

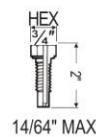


"TC-574"
CFP PART NO.: 350574



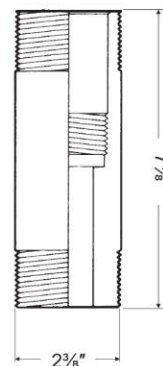
"TC-573"
CFP PART NO.: 350573

"P" BEAN



"TC-575 X"
CFP PART NO.: 3505XX

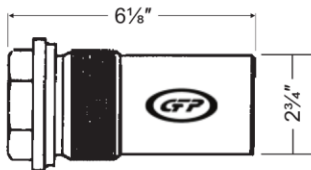
CAGE NIPPLE



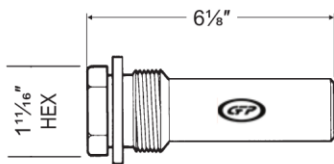
"TC-1018"
CFP PART NO.: 329011

CAMERON IRON WORKS

POSITIVE BEAN

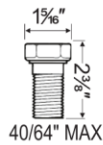


"BIG JOHN 2" MAX"
CFP PART NO.: 453XXX AS/CER



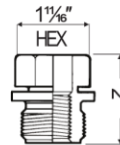
"BIG JOHN 1" MAX"
CFP PART NO.: 4531XX AS/CER

"P" BEAN



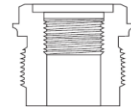
"HONEST JOHN"
CFP PART NO.: 4505XX

MASTER BEAN

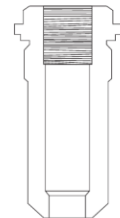


"BIG JOHN 1" MAX"
CFP PART NO.: 350101

ADAPTERS



"BJ 2" MAX X BJ 1" MAX"
CFP PART NO.: 453201



"BJ 2" MAX X OCT FC-140"
CFP PART NO.: 453203

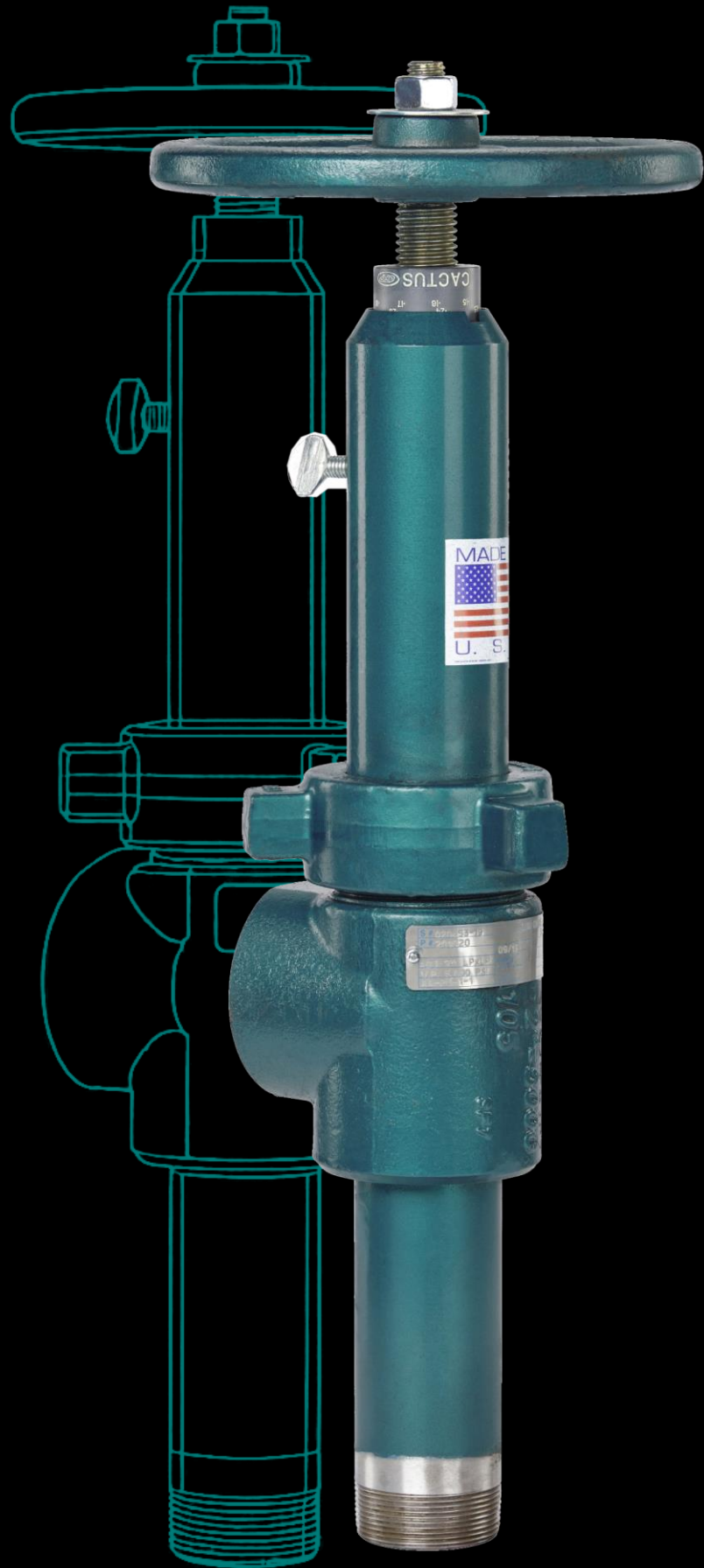
***Note: GULFCO and Gray Tool are available upon request

STEMS, SEATS AND TRIM SETS AVAILABLE AT CFP



Cactus Flow offers Stems, Seats and Trim Sets available in Hardened Alloy Steel, Stainless Steel, and Stainless Steel with Tungsten Carbide. Stems, Seats, and other Trim Sets for OEMs are available upon request.

All dimensions listed are approximate. The part numbers listed are for 3/4 in Stainless Steel - Tungsten Carbide Trim unless noted otherwise.



CONTACT US

1.844.332.5155

sales@cactusflow.com

www.cactusflowproducts.com

16445 Air Center Blvd, Suite 400
Houston, Texas 77032