

TOP ENTRY SWING CHECK VALVES MODEL: TEC



IN-LINE SERVICEABLE
REPLACEABLE SEAT

SIZES :

2" Thru 36" (Other sizes upon request)
FULL or REDUCED PORT

PRESSURE CLASS:

ANSI B16.34, ANSI 150 - 4500
API 6A - 2,000-15,000

TEMPERATURE:

(-)320 Deg. F (CRYOGENIC) to
(+)1500 Deg. F (HIGH-TEMPERATURE)

END CONNECTIONS:

RF / RTJ / WELD END / HUB END / SPECIAL /
ANSI B16.5 / ANSI B16.25

LEAKAGE CLASS:

BUBBLE-TIGHT (Soft-Seated)
ANSI/FCI 70.2 -Class V & VI (Metal-Seated)
API 6D & API 6A - PSL1- 4

ACTUATION:

LOCK-OPEN, ROV...

STANDARD FEATURES

IN-LINE SERVICEABLE
All components are accessible through bonnet with valve in line.

REPLACEABLE SEAT
"Not welded into body", assures ease of maintenance.

LIVE-LOADED FIRE-SAFE SEALS
Other seal options are available to suit your specific service.

TRUE FULL BORE
For maximum Cv. Unobstructed & piggable.

RIGID BODY
Minimizes piping stress to body and internals allowing years of maintenance free operation.

METAL-TO-METAL BODY/BONNET SEAL
Reliable and fire-safe.

REDUNDANT STEM SEALS
Another feature assuring zero stem leakage.

PARTS LIST					
ITEM	QTY	DESCRIPTION	ITEM	QTY	DESCRIPTION
1	1	BODY	27	A/R	NUT
2	1	DISC	28	A/R	HEX HD. BOLT
3	1	SEAT SPOOL	29	A/R	LIFT LUG
4	1	SHAFT	AVAILABLE OPTIONS		
5	1	BONNET			
6*	1	SEAL, SEAT LARGE O.D.			
7*	2	BACK-UP RING			
8*	1	SEAL, SEAT SMALL O.D.			
9*	2	BACK-UP RING	- SOLIDS PROOF DESIGN - SEAT SEALANT INJECTION - STEAM PURGE PORTS - STEM SEAL MONITORING - R.O.V. ADAPTER - ASK, WE CAN PROVIDE OTHERS		
10*	2	FIRE-SAFE SEAL (Seat)			
11	1	SEAT PUSHER			
12	1	WAVE SPRING (Seat)			
13	4	SHAFT BEARING			
14	2	SHAFT SPACER	APPLICATIONS		
15*	2	SEAL, PIN			
16*	8	SEAL, SHAFT			
17*	16	BACK-UP RING			
18*	4	FIRE-SAFE SEAL (Shaft)			
19	4	SEAL PIN SPACER	- OIL & GAS PRODUCTION - PIPELINES - PUMP DISCHARGE - SUBSEA		
20	2	SEAT LOCK PIN			
21	2	LOCK PIN BUSHING			
22*	1	SEAL, DISC			
23	1	FIRE-SAFE METAL SEAL (Bonnet)			
24	2	SHAFT RETAINER	MATERIALS		
25	2	LOCK PIN PLUG			
26	A/R	STUD			
			CORNERSTONE CAN PROVIDE THE FULL RANGE OF ANSI & API MATERIALS INCLUDING NICKEL & TITANIUM BASED ALLOYS.		

* RECOMMENDED SPARE PART; A/R = AS REQUIRED

