TUPI BV	**DATA SHEET**	No.: I-FD-3010.97-1419-224-FKW-101	
	CLIENT: E & P		SHEET: 1 **of** 9
	JOB: PRESALT FPSOs		-
	AREA: PETROBRAS 71 (P-71)		
ENG-E&P/ IEUEP-II/IEREPL	TITLE: **DATA SHEET**		CORPORATE
			IEREPL

CONSÓRCIO TOMÉ FERROSTAAL	CONTRACT: 040/2013	TECH. RESP. /CREA No.: ROBERTO GANZERLA – 0039.035.6665046
FLUITEK ORSENIGO VALVES	FILE No.: Microsoft Excel / V.97-2003 / I-FD-3010.97-1419-224-FKW-101_0.xls	

INDEX OF REVISIONS

REV.	DESCRIPTION AND/OR REVISED SHEETS
0	SAME P66 – FOR INFORMATION (THE INFORMATION IN THIS DOCUMENT WAS COPIED FROM P-66 DESIGN (I-FD-3010.92-1419-224-FKW-101– REV. B - ADF-P66-TB7-FKW-00194)

Note:

	REV. 0	REV. A	REV. B	REV. C	REV. D	REV. E	REV. F	REV. G	REV. H
DATE	05/21/2015								
DESIGN	FKW								
EXECUTION	F.C.								
CHECK	F.C.								
APPROVAL	F.R.								

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FORM OWNED TO PETROBRAS N-0381 REV. L

Data sheet no. 130045.DS.09
Revision: 0
Author: F.Cavallaro
Date: 12/10/2013

Tag	**VET-1453N**
Type:	SINGLE BODY DOUBLE BALL COMPACT VALVE
Standard:	ASME B16.34, ASME VIII div. 1
Body type:	one piece body, Studded flange
Ball mounting:	Seat supported (floating)
NPS/Class:	1" /10000 psi
Bore type:	full bore 20.7 mm
Certificate:	fire tested ISO 10497
End/finishing:	special flange LTS FlangeTec® 1" 10K/7R CFC/ Finishing max. 63 µin
Temperature:	-70°C to 123°C
Body material:	A522 Type 1
Obturator (ball):	A522 Type 1
Spring seat:	N.A. (Inconel X750 for antistatic device spring)
Seat:	PEEK
Stem material:	A564 Gr. 630 H1150D
Stem:	blow out proof stem, double seal
Trunnion material:	N.A.
Bolt/nut material:	A193 L7/ A194 Gr. 4 w. ZnNi coating
O'rings seal:	N.a.
Lip seal:	N.A.
Secondary seals	PTFE + Elgiloy
Bushing/Thrust washers	SS 316 PTFE coated
Vent/drain:	needle bleeder between first and second block
Additional features	antistatic device, locking device
Operator:	Lever
NDT	Dye-penetrant test in machined parts
Test:	according ISO 14313 (API 6D)
Supplementary Test according ISO 14313 (API 6D):	low-pressure gas seat testing between 0.5 bar and 1.0 bar using air or nitrogen as the test medium; low-pressure gas seat testing of 5.5 bar ± 0.7 bar using air or nitrogen as the test medium; anti- static testing; torque/thrust functional testing.
Addtional test	The valve should be actuated 30 times with differential pressure before test All tests in accordance to API 6A PSL3G
Marking:	according MSS SP-25
Painting	I-ET-3010.90-1200-956-PPC-006
Notes:	Material according to ISO 15156 (MACE MR 01.75)