



0	17.04.2007	TYCO	TYCO	TYCO	First issue	PRE
Rev.	Revision Date	Created by	Checked by	Approved by	Description	Status
Project (Проект)						
Maritza East I Power Station						
Company (Възложителя):						
						
Space for stamp of Municipality of Galabovo Място за печат на Община Гълъбово			Space for further stamps / Място за допълнителни печати			
Area for Stamp of EQE Control OOD (ICS) Място за печат на EQE Control ООД (Незав. надзор)			Space for stamp of authorized Bulgarian Designer Място за печат на лицензиран български проектант			
Main Contractor / Главен изпълнител ALSTOM Power Turbo Systems			Partner of Main Contractor / Партньор на главния изпълнител			

Resp. dept. Отговорен отдел	Created by / Изготвил	Checked by / Проверил	Approved by / Одобрил	Format / Формат		
Scale / Мащаб		Class. no. (e.g. KKS) / Класифик. №	for Company Review & Approval: За одобрение от Възложителя: yes			
Derived from / Произтича от	Replaces / Заменя	Doc. Type Тип на документа	Document Status Статус на окумента released	Sub Site No. / Подобект №		
Logo of Legal Owner / Официален собственик ALSTOM Power Turbo Systems	Sub Contractors Doc Number / № на документа на подизпълнителя		Consortium Partner Document Code Код на документа на партньора от консорциума			
	Title, Subtitle / Заглавие, подзаглавие DATA SHEET of the MAIN CHECK VALVE		Project Doc. Number / № на проектния документ MTZ 12 M LAB B30 DS 007			
			Rev. Рев	Date Дата	Lang. Език	Sheet Страница
			0	17.04.2007	en	1/2

ENERGY Power Plants		DATA SHEET			
		VALVES			
		Project : MARITZA BFP		Unit : 1 & 2	
1	DESIGNATION	MAIN CHECK VALVE			FUNCTIONAL CODE
2	IDENTIFIER				01/02 LAB 10/20/30 AA 080
3	ND = 10 "			MANUFACTURER	Mfr's REFERENCE
4	ISO – PN / SERIES =			TYCO	
5	CONSTRUCTION – CODES - STANDARDS	ANSI B 16 – 34 SPECIAL CL. DIN NFE			
6	- General constructive arrangements	Standard specification GS 070			
7	- Body	Forged			
8	- Obturator				
9	- Body / bonnet junction	Autoclave			
10	- Weld end connection	BW			
11	Materials : body / bonnet	15 Ni Cu Mo Nb5			
12	- Seat sealing surface	Stellite			
13	- Obturator	15 Ni Cu Mo Nb5			
14	- Obturator sealing surface	Stellite			
15	- Stem / axis	A182 F6A			
16	- Yoke				
17	OPTIONS				
18	Body	Straight			
19	- Pipe connection : OD x inlet / outlet thickness	235 x 205 mm / 274 x 222 mm			
20	- Neck : Material inlet / outlet diameter	NA			
21	Control manual	Yes			
22	- Motor driven : emerg. man. contr.	without reducer			
23					
24	- By-pass ND	NO			
25	- Decompression ND *	NO			
26	- Over-pressure valve (>= 2500 Lbs)	NO			
27	Stuffing box:	Graphite			
28	Limit switch on position : Type	Open NA			
29	Position transmitter :	No			
30	Driving column – Stem lengthening piece	No			
31	Accessory for check valve	No			
32	Seat bore : - integral	Yes			
33	- seat diameter	167 mm			
34	Replacing ring	No			
35	Lining : - body / obturator	/			
36	Water seal	NO			
37	SERVO - MOTOR	NO			
38	General constructive arrangements				
39	Manufacturer – Type *	NA			
40	Power – Breakdown torque *	NA			
41	Operation time / Rpm of stem				
42	Particular condition :				
43	Differential pressure allowing operation				
44	Torque required for operation *	NA			
45	Setting of torque limiter *	NA			
46	Seat / obturator tightness – class / standard	Class VI			
47	Installation – orientation : by-pass / servo-motor	Drawing n° MTZ 12 M LAB B30 EA 002			
48	Weight of valve with fittings *	360 Kgs			
49	Manufacturer's figure No *	Tyco Flow Control Raimondi – fig.KR 6044 – 10"			
50	Fluid : WATER	Max pressure : 229 bar G.		Max temp. : 183 °C	
51					
52					
53					
54					
Issue	0				N° MTZ 12 M LAB B30 DS 007
Date	15/04/07				
Author	TYCO				
Checked by	TYCO				
Approved by					