

EQID: 13PPCND072

Fig. 166BW Size 1"-2"  
Sch. 40S Butt Weld Ends  
Wrench Operator Class 150  
Customer Order #10407-13-PM-242  
ANSI B31.1

CERTIFIED DRAWING  
Customer BECHTEL (ARIZONA)  
P.O. # 10407-13-PM-242  
Date 7-18-83 Our Order # VARIOUS  
By STEVE FORD

REV.	SCN #	BY/DATE	CHK/DATE	APP/DATE
R	1124	SF 7-18-83	CS 7/18/83	CS 7/18/83

CKD	APP.	BY	SCN #	DATE	REV
RH	CS	SF	846	7/10/80	N
RH	CS	CS	919	10/14/80	P
RH	CS	CS	937	12/1/80	Q

Size	1"	2"	2"	2"			
Project Class	R2D	R2D	R2D	R2D			
P.O. Item No.	2	4	32	11			
ENV. REF. Code	XX	XX	X	X			
Valve Mark	761	761	761	761			

Size	S	L	D	h	H	Q	Wts.	E	T	R
1"	.200	6.50	1.049	3.81	2.88	7.38	10#	1.00	.16	7.00
2"	.231	8.50	2.067	5.13	4.00	17.00	29#	2.06	.22	9.13

TAG: 13-P-LRN-V294  
NOTE: THIS PLUG VALVE HAS A  
NAMCO LIMIT SWITCH MOUNTED  
ON IT. SEE "AA" IN BILL OF MATERIALS  
FOR SWITCH TYPE.

Bill of Materials			
No.	Qty	Part Name	Material
1	1	Body	ASTM A351, CF8M
2	1	Plug	ASTM A351, CF8M
3	1	Sleeve	UHMW Polyethylene
4	1	Diaphragm	UHMW Polyethylene
5	1	Delta Ring	UHMW Polyethylene
6	1	Metal Diaphragm	ASTM A167, Type 302
7	1	Thrust Collar	ASTM A167, Type 304
8	1	Static Eliminator	AISI 302
9	1	Cover	ASTM A351, CF8
10	4	Cover Studs	ASTM A193, B8M
11	3	Adjustment Screws	AISI 303/Silver Plated
12	1	Wrench Hub*	Malleable Iron/Painted*
13	1	Name Plate	AISI 302
14	1	Hub Bolt	Steel/Zinc Plated
15	1	Wrench Handle	Steel/Painted
16	4	Cover Nuts	ASTM A194, Gr. 8M
AA	1	NAMCO LIMIT SWITCH	EA170-32100 (CCW) @

SIZE	F
1"	1.358 1.315
2"	2.421 2.375

DISTRIBUTION TO: FOR: REVIEW INFO

- MECHANICAL
  - BALANCE OF PLANT
  - BOILER/NESS
  - PLANT UTILITIES
- PLANT DESIGN
- CONTROL SYSTEMS
- ELECTRICAL
  - WIRING
  - CONDUIT
- MOS
- PAINTING & COATINGS
- CIVIL/STRUCTURAL
- NUCLEAR
- STRESS
- ARCHITECTURAL
- STARTUP
- CONSTRUCTION
- NOT REQ'D BY ENGRG
- CLIENT

IDENTIFYING TITLE OF THIS DOCUMENT:

DATA CODE  
ACTIVITY PKG NO.  
ENGR SYSTEM NO.  
QUAL. CLASS

Bechtel Log No. 13-10407

IMPORTANT  
Permission to proceed does not constitute acceptance or approval of design details, calculations, analyses, test methods or materials developed or selected by the supplier and does not relieve supplier from full compliance with contractual obligations.

DATE RECEIVED 7-25-83  
DOCUMENT STATUS  
1 WORK MAY PROCEED.  
2 REVISE AND RESUBMIT.  
3 REVISE AND RESUBMIT.  
4 INFORMATION ONLY.  
DISTRIBUTION REQ'D? YES

ANSTEC  
APERTURE  
CARD

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