

OBRA :
Nº EJECUCION :
PROVEEDOR :

AMPLIACIÓN IDAM MANTOVERDE

PREPARED BY : GGQ
REVISED BY: MMG

Type 6

1. GENERAL

Quantity	units	2	
Code	-	Acc Bill of Quantity	
Pipe class specification	-	CCS9A	
Type of expansion joint	-	Dismantling joint	
Installation / Arrangement	-	Outdoor / Dismantling requirement Anti hammer tank	

2. PROCESS DATA

Fluid	-	Potable water	
Ambient temperature, Min / Max	°C	-0,2 / 31,9	
Relative humidity, Med / Max	%	60 / 99	
pH	-	8,2	
Design Temperature	°C	32	
Operation pressure	barg	42,8	
Design pressure	barg	47	
Test Pressure	barg	70,5	

3. CONNECTION

Size	DN	300	
Inlet side		FL: 600 # acc B16.5, FF	
Outlet Side		FL: 600 # acc B16.5, FF	

4. MATERIAL

External		Carbon Steel	
Internal (contact with fluid)		EPDM	
Bellows		EPDM / EPDM UV	
Flange Gaskets		EPDM	
Ties		SS316	
Nuts		SS316	
Washer		CS fluropolymer coated	

5. DESIGN DATA: DISPLACEMENT

Face to face minimum length	mm	174 (*)	
Face to face maximum length	mm	214 (*)	

6. CODE AND STANDARDS

Design		EJMA standard	
Ends		ASME B16.5	
Surface preparation & Painting		ISO 8501 & ISO 12944; C5M	
Marking		MSS- SP- 25	

7. OTHERS

Weigth	Kg	TBC	
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Note: items marked as (*), to be confirmed by vendor.