
 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>								
	DATA SHEETS FOR MANUAL VALVES								
شماره پیمان:	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	شماره صفحه : ۱ از ۶۲
۰۵۳ - ۰۷۳ - ۹۱۸۴	BK	GCS	PEDCO	120	PI	DT	0002	D00	

## نگهداشت و افزایش تولید میدان نفتی بینک




### DATA SHEETS FOR MANUAL VALVES

## نگهداشت و افزایش تولید میدان نفتی بینک

D00	JUL.2022	IFC	F.Mosayebnejad	M.Fakharian	M.Mehrshad	
Rev.	Date	Purpose of Issue / Status	Prepared by:	Checked by:	Approved by:	CLIENT Approval

Class: 2 CLIENT Doc. Number: F0Z-708885

- status:
- IDC: Inter-Discipline Check
  - IFC: Issued For Comment
  - IFA: Issued For Approval
  - AFD: Approved For Design
  - AFC: Approved For Construction
  - AFP: Approved For Purchase
  - AFQ: Approved For Quotation
  - IFI: Issued For Information
  - AB-R: As-Built for CLIENT Review
  - AB-A: As-Built –Approved

 <b>NISOC</b>	<b>نگهداشت و افزایش تولید میدان نفتی بینک</b> <b>سطح الارض</b>							 	
	<b>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</b> <b>DATA SHEETS FOR MANUAL VALVES</b>								
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	پروژه BK	بسته کاری GCS	صادرکننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D00	شماره صفحه : ۲ از ۶۲

### REVISION RECORD SHEET

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4	x					68					
5	x					69					
6	x					70					
7	x					71					
8	x					72					
9	x					73					
10	x					74					
11	x					75					
12	x					76					
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14	x					78					
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16	x					80					
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57	x					121					
58	x					122					
59	x					123					
60	x					124					
61	x					125					
62	x					126					
63						127					
64						128					



نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض  
احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES								شماره صفحه: ۳ از ۶۲
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	GCS	PEDCO	120	PI	DT	0002	D00	

TAG NO: MV-CHK-F08A

**GENERAL DATA**

Type of Valve:	Check
Pattern:	Piston Lift Type
Valve Size Range:	1/2 ~ 1 1/2 inch

**CODE & STANDARD**

Design Code:	BS EN ISO 15761
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

**DESIGN DATA**

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
End Connection:	SW
Finishing:	NA

**MATERIAL**

Body/Bonnet	ASTM A105
Ball/Disc/Plug:	ASTM A 182 F6A/STL (Trim No. 8)
Cover/Bonnet:	BC
Stem:	NA
Disc Seat:	ASTM A 182 F6A
Body Seat:	STL
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Gasket Bonnet:	VTA

**General Note:**

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	DATA SHEETS FOR MANUAL VALVES								شماره صفحه: ۴ از ۶۲
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	GCS	PEDCO	120	PI	DT	0002	D00	

TAG NO: MV-CHK-F08B

**GENERAL DATA**

Type of Valve:	Check
Pattern:	Piston Lift Type
Valve Size Range:	1/2 ~ 1 1/2 inch

**CODE & STANDARD**

Design Code:	BS EN ISO 15761
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

**DESIGN DATA**

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
End Connection:	SW
Finishing:	NA

**MATERIAL**

Body/Bonnet	ASTM A105
Ball/Disc/Plug:	ASTM A 182 F316/STL (Trim No. 12)
Cover/Bonnet:	BC
Stem:	NA
Disc Seat:	ASTM A 182 F316
Body Seat:	STL
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Gasket Bonnet:	VTA

**General Note:**

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۵ از ۶۲

TAG NO: MV-CHK-F08S

GENERAL DATA

Type of Valve:	Check
Pattern:	Piston Lift Type
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS EN ISO 15761
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
End Connection:	SW
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM A182 F316L
Ball/Disc/Plug:	ASTM A 182 F316 (Trim No. 10)
Cover/Bonnet:	BC
Stem:	NA
Disc Seat:	ASTM A 182 F316
Body Seat:	VTA
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Gasket Bonnet:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض

احداث ردیف تو اکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶ از ۶۲

TAG NO: MV-CHK-F08AZ

GENERAL DATA

Type of Valve:	Check
Pattern:	Piston Lift Type
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS 5154
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Forged
End Connection:	NPT
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM B148 UNS C95800
Ball/Disc/Plug:	Aluminium Bronze
Cover/Bonnet:	Screwed Bonnet
Stem:	NA
Disc Seat:	Aluminium Bronze
Body Seat:	VTA
Packing:	NA
Gland:	NA
Bolt & Nut:	VTA
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۲ از ۱۷

TAG NO: MV-CHK-C01A

GENERAL DATA

Type of Valve:	Check
Pattern:	Swing Type
Valve Size Range:	2 ~ 24 inch

CODE & STANDARD

Design Code:	BS 1868/API 6D
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18.2
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13 Cr/STL (Trim No. 8)
Cover/Bonnet:	BC
Stem:	NA
Disc Seat:	13Cr
Body Seat:	STL
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Gasket Bonnet:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۸ از ۶۲

TAG NO: MV-CHK-C01B

GENERAL DATA

Type of Valve:	Check
Pattern:	Swing Type
Valve Size Range:	2 ~ 24 inch

CODE & STANDARD

Design Code:	BS 1868/API 6D
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18.2
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	18-8 Cr-Ni/STL (Trim No. 12)
Cover/Bonnet:	BC
Stem:	NA
Disc Seat:	18-8 Cr-Ni
Body Seat:	STL
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Gasket Bonnet:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.





نگهداشت و افزایش تولید میدان نفتی بینک  
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احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۹ از ۶۲

TAG NO: MV-CHK-C01S

GENERAL DATA

Type of Valve:	Check
Pattern:	Swing Type
Valve Size Range:	2 ~ 24 inch

CODE & STANDARD

Design Code:	BS 1868/API 6D
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18.2
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	18-8 Cr-Ni (Trim No. 10)
Cover/Bonnet:	BC
Stem:	NA
Disc Seat:	18-8 Cr-Ni
Body Seat:	VTA
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Gasket Bonnet:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D00	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۱۰ از ۶۲

TAG NO: MV-CHK-C03

GENERAL DATA

Type of Valve:	Check
Pattern:	Swing Type
Valve Size Range:	2 ~ 24 inch

CODE & STANDARD

Design Code:	BS 1868/API 6D
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13 Cr/STL (Trim No. 8)
Cover/Bonnet:	BC
Stem:	NA
Disc Seat:	13Cr
Body Seat:	STL
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Gasket Bonnet:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض  
احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۱۱ از ۶۲

TAG NO: MV-CHK-C03S

GENERAL DATA

Type of Valve:	Check
Pattern:	Swing Type
Valve Size Range:	2 ~ 24 inch

CODE & STANDARD

Design Code:	BS 1868/API 6D
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	18-8 Cr-Ni (Trim No. 10)
Cover/Bonnet:	BC
Stem:	NA
Disc Seat:	18-8 Cr-Ni
Body Seat:	VTA
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Gasket Bonnet:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض  
احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

شماره صفحه: ۱۲ از ۶۲

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

TAG NO: MV-CHK-C06

GENERAL DATA

Type of Valve:	Check
Pattern:	Swing Type
Valve Size Range:	2 ~ 12 inch

CODE & STANDARD

Design Code:	BS 1868/API 6D
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13 Cr/STL (Trim No. 8)
Cover/Bonnet:	BC
Stem:	NA
Disc Seat:	13Cr
Body Seat:	STL
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr. B7M/ASTM A194 Gr. 2HM
Gasket Bonnet:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۱۳ از ۶۲

TAG NO: MV-CHK-C06S

GENERAL DATA

Type of Valve:	Check
Pattern:	Swing Type
Valve Size Range:	2 ~ 24 inch

CODE & STANDARD

Design Code:	BS 1868/API 6D
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	18-8 Cr-Ni (Trim No. 10)
Cover/Bonnet:	BC
Stem:	NA
Disc Seat:	18-8 Cr-Ni
Body Seat:	VTA
Packing:	NA
Gland:	NA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Gasket Bonnet:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادرکننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

شماره صفحه: ۱۴ از ۶۲

BK

GCS

PEDCO

120

PI

DT

0002

D00

TAG NO: MV-GAT-F08A

GENERAL DATA

Type of Valve:

Gate

Pattern:

Solid Wedge, H.W.OP

Valve Size Range:

1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:

API602

Face to Face Dimensional:

ASME B16.10

Fire Testing:

API 6FA

Pressure Testing:

As per API 598

DESIGN DATA

Pressure Rating:

800#

Design Pressure:

90

Design Temperature:

85

Body Construction:

Forged

End Connection:

SW & SW/FNPT

Finishing:

NA

MATERIAL

Body/Bonnet

ASTM A105

Ball/Disc/Plug:

ASTM A 182 F6A/STL (Trim No. 8)

Cover/Bonnet:

BB

Stem:

ASTM A 182 F6A

Disc Seat:

ASTM A 182 F6A

Body Seat:

STL

Packing:

STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING

Gland:

VTA

Bolt & Nut:

ASTM A193 Gr.B7M/ASTM A194 Gr.2HM

Bonnet Gasket:

VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D00	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۱۵ از ۶۲

TAG NO: MV-GAT-F08B

GENERAL DATA

Type of Valve:	Gate
Pattern:	Solid Wedge, H.W.OP
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	API602
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
End Connection:	SW & SW/FNPT
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM A105
Ball/Disc/Plug:	ASTM A 182 F316/STL (Trim No. 12)
Cover/Bonnet:	BB
Stem:	ASTM A 182 F316
Disc Seat:	ASTM A 182 F316
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادرکننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

شماره صفحه: ۱۶ از ۶۲

BK

GCS

PEDCO

120

PI

DT

0002

D00

TAG NO: MV-GAT-F08S

GENERAL DATA

Type of Valve:	Gate
Pattern:	Solid Wedge, H.W.OP
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	API602
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
End Connection:	SW & SW/FNPT
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM A182 F316L
Ball/Disc/Plug:	ASTM A 182 F316 (Trim No. 10)
Cover/Bonnet:	BB
Stem:	ASTM A 182 F316
Disc Seat:	ASTM A 182 F316
Body Seat:	VTA
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
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8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
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نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۱۷ از ۶۲

TAG NO: MV-GAT-F08AZ

GENERAL DATA

Type of Valve:	Gate
Pattern:	Solid Wedge, H.W.OP
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS 5154
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA




Pressure Rating:	800#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Forged
End Connection:	NPT
Finishing:	NA



MATERIAL



Body/Bonnet	ASTM B148 UNS C95800
Ball/Disc/Plug:	Aluminium Bronze
Cover/Bonnet:	Screwed Bonnet
Stem:	Aluminium Bronze
Disc Seat:	Aluminium Bronze
Body Seat:	VTA
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	VTA
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
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8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.

	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>		 						
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	<b>DATA SHEETS FOR MANUAL VALVES</b>							شماره صفحه: ۱۸ از ۶۲	
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	
	BK	GCS	PEDCO	120	PI	DT	0002	D00	
<b>TAG NO: MV-GAT-C01A-HO</b>									
<b>GENERAL DATA</b>									
Type of Valve: Pattern: Valve Size Renge:					Gate Flexible Wedge, H.W.OP 2~10 inch				
<b>CODE &amp; STANDARD</b>									
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:					API600 ASME B16.10 API 6FA As per API 598				
<b>DESIGN DATA</b>									
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:					150# 18 85 Casting FLGD (In acc. with ASME B16.5) RF				
<b>MATERIAL</b>									
Body/Bonnet Ball/Disc/Plug: Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:					ASTM A216 WCB 13Cr/STL (Trim No. 8) BB 13Cr 13Cr STL STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA				
<b>General Note:</b> <ol style="list-style-type: none"> <li>1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.</li> <li>2. Inner or outer leakage is not acceptable.</li> <li>3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.</li> <li>4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.</li> <li>5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.</li> <li>6. All valve data sheets shall be confirmed by vendor.</li> <li>7. All valve shall have a fire-safe design.</li> <li>8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"</li> <li>9. Valves shall meet requirements of NACE MR0175/ISO 15156.</li> <li>10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.</li> </ol>									

	<p style="text-align: center;">نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p style="text-align: center;">احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	<b>DATA SHEETS FOR MANUAL VALVES</b>							شماره صفحه: ۱۹ از ۶۲
	پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
	BK	GCS	PEDCO	120	PI	DT	0002	D00
<b>TAG NO: MV-GAT-C01B-HO</b>								
<b>GENERAL DATA</b>								
Type of Valve: Pattern: Valve Size Renge:	Gate Flexible Wedge, H.W.OP 2~10 inch							
<b>CODE &amp; STANDARD</b>								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:	API600 ASME B16.10 API 6FA As per API 598							
<b>DESIGN DATA</b>								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:	150# 18 85 Casting FLGD (In acc. with ASME B16.5) RF							
<b>MATERIAL</b>								
Body/Bonnet Ball/Disc/Plug: Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:	ASTM A216 WCB 18-8 Cr-Ni/STL (Trim No. 12) BB 18-8 Cr-Ni 18-8 Cr-Ni STL STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA							
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	<b>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</b>  <b>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</b>																									
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="8" style="text-align: center;">DATA SHEETS FOR MANUAL VALVES</th> </tr> <tr> <th style="width: 10%;">نسخه</th> <th style="width: 10%;">سریال</th> <th style="width: 10%;">نوع مدرک</th> <th style="width: 10%;">رشته</th> <th style="width: 10%;">تسهیلات</th> <th style="width: 10%;">صادرکننده</th> <th style="width: 10%;">بسته کاری</th> <th style="width: 10%;">پروژه</th> </tr> </thead> <tbody> <tr> <td>D00</td> <td>0002</td> <td>DT</td> <td>PI</td> <td>120</td> <td>PEDCO</td> <td>GCS</td> <td>BK</td> </tr> </tbody> </table>	DATA SHEETS FOR MANUAL VALVES								نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه	D00	0002	DT	PI	120	PEDCO	GCS	BK	شماره صفحه: ۲۰ از ۶۲
DATA SHEETS FOR MANUAL VALVES																										
نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه																			
D00	0002	DT	PI	120	PEDCO	GCS	BK																			
<b>TAG NO: MV-GAT-C01S-HO</b>																										
<b>GENERAL DATA</b>																										
Type of Valve: Pattern: Valve Size Renge:	Gate Flexible Wedge, H.W.OP 2~10 inch																									
<b>CODE &amp; STANDARD</b>																										
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:	API600 ASME B16.10 API 6FA As per API 598																									
<b>DESIGN DATA</b>																										
Pressure Rating: Design Pressure: Design Temperature: Body Construction: End Connection: Finishing:	150# 18 85 Casting FLGD (In acc. with ASME B16.5) RF																									
<b>MATERIAL</b>																										
Body/Bonnet Ball/Disc/Plug: Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:	ASTM A351 CF3M 18-8 Cr-Ni (Trim No. 10) BB 18-8 Cr-Ni 18-8 Cr-Ni VTA STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA																									
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نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۲۱ از ۶۲

TAG NO: MV-GAT-C01A-GO

GENERAL DATA

Type of Valve:	Gate
Pattern:	Flexible Wedge, Gear .OP
Valve Size Range:	12~24 inch

CODE & STANDARD

Design Code:	API600
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13Cr/STL (Trim No. 8)
Cover/Bonnet:	BB
Stem:	13Cr
Disc Seat:	13Cr
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAI-PEDCO-000-PI-SP-0006.



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شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۲۲ از ۶۲

TAG NO: MV-GAT-C01B-GO

GENERAL DATA

Type of Valve:	Gate
Pattern:	Flexible Wedge, Gear .OP
Valve Size Range:	12~24 inch

CODE & STANDARD

Design Code:	API600
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	18-8 Cr-Ni/STL (Trim No. 12)
Cover/Bonnet:	BB
Stem:	18-8 Cr-Ni
Disc Seat:	18-8 Cr-Ni
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
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شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۲۳ از ۶۲

TAG NO: MV-GAT-C01S-GO

GENERAL DATA

Type of Valve:	Gate
Pattern:	Flexible Wedge, Gear .OP
Valve Size Range:	12~24 inch

CODE & STANDARD

Design Code:	API600
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	18-8 Cr-Ni (Trim No. 10)
Cover/Bonnet:	BB
Stem:	18-8 Cr-Ni
Disc Seat:	18-8 Cr-Ni
Body Seat:	VTA
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAI-PEDCO-000-PI-SP-0006.



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شماره پیمان:

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DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه
D00	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۶۲ از ۲۴

TAG NO: MV-GAT-C03-HO

GENERAL DATA

Type of Valve:	Gate
Pattern:	Flexible Wedge, H.W.OP
Valve Size Range:	2~10 inch

CODE & STANDARD

Design Code:	API600
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13Cr/STL (Trim No. 8)
Cover/Bonnet:	BB
Stem:	13Cr
Disc Seat:	13Cr
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.





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شماره پیمان:

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DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه
D00	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۶۲ از ۲۵

TAG NO: MV-GAT-C03S-HO

GENERAL DATA

Type of Valve:	Gate
Pattern:	Flexible Wedge, H.W.OP
Valve Size Range:	2~10 inch

CODE & STANDARD

Design Code:	API600
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	18-8 Cr-Ni (Trim No. 10)
Cover/Bonnet:	BB
Stem:	18-8 Cr-Ni
Disc Seat:	18-8 Cr-Ni
Body Seat:	VTA
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
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6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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شماره پیمان:

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DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D00	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۲۶ از ۶۲

TAG NO: MV-GAT-C03-GO

GENERAL DATA

Type of Valve:	Gate
Pattern:	Flexible Wedge, Gear .OP
Valve Size Range:	12~24 inch

CODE & STANDARD

Design Code:	API600
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13Cr/STL (Trim No. 8)
Cover/Bonnet:	BB
Stem:	13Cr
Disc Seat:	13Cr
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۲ از ۲۷

TAG NO: MV-GAT-C06-HO

GENERAL DATA

Type of Valve:	Gate
Pattern:	Flexible Wedge, H.W .OP
Valve Size Renge:	2~10 inch

CODE & STANDARD

Design Code:	API600
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13Cr/STL (Trim No. 8)
Cover/Bonnet:	BB
Stem:	13Cr
Disc Seat:	13Cr
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۲ از ۲۸

TAG NO: MV-GAT-C06S-HO

GENERAL DATA

Type of Valve:	Gate
Pattern:	Flexible Wedge, H.W .OP
Valve Size Renge:	2~10 inch

CODE & STANDARD

Design Code:	API600
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	18-8 Cr-Ni (Trim No. 10)
Cover/Bonnet:	BB
Stem:	18-8 Cr-Ni
Disc Seat:	18-8 Cr-Ni
Body Seat:	VTA
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
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6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۲ از ۲۹

TAG NO: MV-GAT-C06-GO

GENERAL DATA

Type of Valve:	Gate
Pattern:	Flexible Wedge, Gear .OP
Valve Size Renge:	12~24 inch

CODE & STANDARD

Design Code:	API600
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13Cr/STL (Trim No. 8)
Cover/Bonnet:	BB
Stem:	13Cr
Disc Seat:	13Cr
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
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6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سريال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۳۰ از ۶۲

TAG NO: MV-GLB-F08A

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS EN ISO 15761
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
Trim Construction:	Forged (VTC)
End Connection:	SW
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM A105
Ball/Disc/Plug:	ASTM A 182 F6A/STL (Trim No. 8)
Cover/Bonnet:	BB
Stem:	ASTM A 182 F6A
Disc Seat:	ASTM A 182 F6A
Body Seat:	ASTM A 182 F6A
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۳۱ از ۶۲

TAG NO: MV-GLB-F08B

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS EN ISO 15761
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
Trim Construction:	Forged (VTC)
End Connection:	SW
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM A105
Ball/Disc/Plug:	ASTM A 182 F316/STL (Trim No. 12)
Cover/Bonnet:	BB
Stem:	ASTM A 182 F316
Disc Seat:	ASTM A 182 F316
Body Seat:	ASTM A 182 F316
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهيلات	رشته	نوع مدرک	سريال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۳۲ از ۶۲

TAG NO: MV-GLB-F08S

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS EN ISO 15761
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
Trim Construction:	Forged (VTC)
End Connection:	SW
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM A182 F316L
Ball/Disc/Plug:	ASTM A 182 F316 (Trim No. 10)
Cover/Bonnet:	BB
Stem:	ASTM A 182 F316
Disc Seat:	ASTM A 182 F316
Body Seat:	ASTM A 182 F316
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.





نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۱۳۳ از ۶۲

TAG NO: MV-GLB-F08AZ

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS 5154
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Forged
End Connection:	NPT
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM B148 UNS C95800
Ball/Disc/Plug:	Aluminium Bronze
Cover/Bonnet:	Screwed Bonnet
Stem:	Aluminium Bronze
Disc Seat:	Aluminium Bronze
Body Seat:	VTA
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	VTA
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.



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شماره پیمان:

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DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۳۴ از ۶۲

TAG NO: MV-GLB-C01A-HO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	2 ~ 6 inch

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13 Cr/STL (Trim No. 8)
Cover/Bonnet:	BB
Stem:	13Cr
Disc Seat:	13Cr
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



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شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

شماره صفحه: ۳۵ از ۶۲

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه	پسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

TAG NO: MV-GLB-C01B-HO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	2 ~ 6 inch

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	18-8 Cr-Ni/STL (Trim No. 12)
Cover/Bonnet:	BB
Stem:	18-8 Cr-Ni
Disc Seat:	18-8 Cr-Ni
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

شماره صفحه: ۳۶ از ۶۲

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

TAG NO: MV-GLB-C01S-HO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	2 ~ 6 inch

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA



Pressure Rating:	150#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF



MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	18-8 Cr-Ni (Trim No. 10)
Cover/Bonnet:	BB
Stem:	18-8 Cr-Ni
Disc Seat:	18-8 Cr-Ni
Body Seat:	VTA
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.

 <p>NISOC</p>	<p>تکهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
<p>شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴</p>	<p>DATA SHEETS FOR MANUAL VALVES</p>							<p>شماره صفحه: ۳۷ از ۶۲</p>
	<p>پروژه</p>	<p>بسته کاری</p>	<p>صادرکننده</p>	<p>تسهیلات</p>	<p>رشته</p>	<p>نوع مدرک</p>	<p>سریال</p>	<p>نسخه</p>
	<p>BK</p>	<p>GCS</p>	<p>PEDCO</p>	<p>120</p>	<p>PI</p>	<p>DT</p>	<p>0002</p>	<p>D00</p>
<p>TAG NO: MV-GLB-C01-GO</p>								
<p>GENERAL DATA</p>								
<p>Type of Valve: Pattern: Valve Size Renge:</p>	<p>Globe OS&amp;Y, SWIVEL PLUG DISC, Gear.OP 8 ~ 24 inch</p>							
<p>CODE &amp; STANDARD</p>								
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>	<p>BS 1873 ASME B16.10 API 6FA As per API 598</p>							
<p>DESIGN DATA</p>								
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:</p>	<p>150# 18 85 Casting Casting FLGD (In acc. with ASME B16.5) RF</p>							
<p>MATERIAL</p>								
<p>Body/Bonnet Ball/Disc/Plug: Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt &amp; Nut: Bonnet Gasket:</p>	<p>ASTM A216 WCB 13 Cr/STL (Trim No. 8) BB 13Cr 13Cr STL STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA</p>							
<p><b>General Note:</b></p> <ol style="list-style-type: none"> <li>Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.</li> <li>Inner or outer leakage is not acceptable.</li> <li>There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.</li> <li>Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.</li> <li>Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.</li> <li>All valve data sheets shall be confirmed by vendor.</li> <li>All valve shall have a fire-safe design.</li> <li>There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"</li> <li>Valves shall meet requirements of NACE MR0175/ISO 15156.</li> <li>Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.</li> </ol>								

 <p>NISOC</p>	<p>تکهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>								
<p>شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴</p>	<p>DATA SHEETS FOR MANUAL VALVES</p>							<p>شماره صفحه: ۳۸ از ۶۲</p>	
	<p>پروژه</p>	<p>بسته کاری</p>	<p>صادرکننده</p>	<p>تسهیلات</p>	<p>رشته</p>	<p>نوع مدرک</p>	<p>سریال</p>	<p>نسخه</p>	
	<p>BK</p>	<p>GCS</p>	<p>PEDCO</p>	<p>120</p>	<p>PI</p>	<p>DT</p>	<p>0002</p>	<p>D00</p>	
<p>TAG NO: MV-GLB-C01S-GO</p>									
<p>GENERAL DATA</p>									
<p>Type of Valve: Pattern: Valve Size Range:</p>					<p>Globe OS&amp;Y, SWIVEL PLUG DISC, Gear.OP 8 ~ 24 inch</p>				
<p>CODE &amp; STANDARD</p>									
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>					<p>BS 1873 ASME B16.10 API 6FA As per API 598</p>				
<p>DESIGN DATA</p>									
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:</p>					<p>150# 18 85 Casting Casting FLGD (In acc. with ASME B16.5) RF</p>				
<p>MATERIAL</p>									
<p>Body/Bonnet Ball/Disc/Plug: Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt &amp; Nut: Bonnet Gasket:</p>					<p>ASTM A351 CF3M 18-8 Cr-Ni (Trim No. 10) BB 18-8 Cr-Ni 18-8 Cr-Ni VTA STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA</p>				
<p><b>General Note:</b></p> <ol style="list-style-type: none"> <li>1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.</li> <li>2. Inner or outer leakage is not acceptable.</li> <li>3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.</li> <li>4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.</li> <li>5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.</li> <li>6. All valve data sheets shall be confirmed by vendor.</li> <li>7. All valve shall have a fire-safe design.</li> <li>8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"</li> <li>9. Valves shall meet requirements of NACE MR0175/ISO 15156.</li> <li>10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.</li> </ol>									



نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه
D00	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۶۲ از ۳۹

TAG NO: MV-GLB-C03-HO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	2 ~ 6 inch

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13 Cr/STL (Trim No. 8)
Cover/Bonnet:	BB
Stem:	13Cr
Disc Seat:	13Cr
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE
Gland:	+ PACKING RING
Bolt & Nut:	ASTM A193 Gr. B7M/ASTM A194 Gr. 2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

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DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادر کننده	بسته کاری	پروژه
D00	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۰۰ از ۶۲

TAG NO: MV-GLB-C03S-HO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	2 ~ 6 inch

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	18-8 Cr-Ni (Trim No. 10)
Cover/Bonnet:	BB
Stem:	18-8 Cr-Ni
Disc Seat:	18-8 Cr-Ni
Body Seat:	VTA
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
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6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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شماره پیمان:

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DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۱ از ۶۲

TAG NO: MV-GLB-C03-GO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, Gear.OP
Valve Size Renge:	8 ~ 12 inch

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13 Cr/STL (Trim No. 8)
Cover/Bonnet:	VTA
Stem:	BB
Disc Seat:	13Cr
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



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شماره پیمان:

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DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۲ از ۴۲

TAG NO: MV-GLB-C06-HO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	2 ~ 4 inch

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13 Cr/STL (Trim No. 8)
Cover/Bonnet:	PSB
Stem:	13Cr
Disc Seat:	13Cr
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.



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شماره پیمان:

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DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۲ از ۴۳

TAG NO: MV-GLB-C06S-HO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, H.W.OP
Valve Size Range:	2 ~ 4 inch

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	18-8 Cr-Ni (Trim No. 10)
Cover/Bonnet:	BB
Stem:	18-8 Cr-Ni
Disc Seat:	18-8 Cr-Ni
Body Seat:	VTA
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۴۴ از ۶۲

TAG NO: MV-GLB-C06-GO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, Gear.OP
Valve Size Range:	6 ~ 12 inch

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13 Cr/STL (Trim No. 8)
Cover/Bonnet:	BB
Stem:	13Cr
Disc Seat:	13Cr
Body Seat:	STL
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



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DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۴۵ از ۶۲

TAG NO: MV-GLB-C06S-GO

GENERAL DATA

Type of Valve:	Globe
Pattern:	OS&Y, SWIVEL PLUG DISC, Gear.OP
Valve Size Range:	6 inch

CODE & STANDARD

Design Code:	BS 1873
Face to Face Dimensional:	ASME B16.10
Fire Testing:	API 6FA
Pressure Testing:	As per API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	18-8 Cr-Ni (Trim No. 10)
Cover/Bonnet:	BB
Stem:	18-8 Cr-Ni
Disc Seat:	18-8 Cr-Ni
Body Seat:	VTA
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

- Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
- Inner or outer leakage is not acceptable.
- There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
- Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
- Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
- All valve data sheets shall be confirmed by vendor.
- All valve shall have a fire-safe design.
- There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۶ از ۶۲

TAG NO: MV-BAL-F08A

GENERAL DATA

Type of Valve:	Ball
Pattern:	Reduced Bore, Floating Ball, Wrench .OP, 2 Pieces
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS EN ISO 17292
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
Trim Construction:	Forged (VTC)
End Connection:	SW & SW/FNPT
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM A105
Ball/Disc/Plug:	13 % CR
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	F6/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



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DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۴۷ از ۶۲

TAG NO: MV-BAL-F08B

GENERAL DATA

Type of Valve:	Ball
Pattern:	Reduced Bore, Floating Ball, Wrench .OP, 2 Pieces
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS EN ISO 17292
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
Trim Construction:	Forged (VTC)
End Connection:	SW & SW/FNPT
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM A105
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.



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DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۲ از ۴۸

TAG NO: MV-BAL-F08S

GENERAL DATA

Type of Valve:	Ball
Pattern:	Reduced Bore, Floating Ball, Wrench .OP, 2 Pieces
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS EN ISO 17292
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Forged
Trim Construction:	Forged (VTC)
End Connection:	SW
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM A182 F316L
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.





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DATA SHEETS FOR MANUAL VALVES

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D00	0002	DT	PI	120	PEDCO	GCS	BK

شماره صفحه: ۴۹ از ۶۲

TAG NO: MV-BAL-F08AZ

GENERAL DATA

Type of Valve:	Ball
Pattern:	Reduced Bore, Floating Ball, Wrench .OP, 2 Pieces
Valve Size Range:	1/2 ~ 1 1/2 inch

CODE & STANDARD

Design Code:	BS EN ISO 17292
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	800#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Forged
End Connection:	NPT
Finishing:	NA

MATERIAL

Body/Bonnet	ASTM B148 UNS C95800
Ball/Disc/Plug:	ASTM B148 UNS C95800
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	ASTM B148 UNS C95800
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.



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شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

شماره صفحه: ۵۰ از ۶۲

۰۵۳ - ۰۷۳ - ۹۱۸۴

نسخه	سریال	نوع مدرک	رشته	تسهیلات	صادرکننده	بسته کاری	پروژه
D00	0002	DT	PI	120	PEDCO	GCS	BK

TAG NO: MV-BAL-C01A-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Floating Ball, Wrench .OP, 2 Pieces
Valve Size Range:	2 ~ 6 inch

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	13 % CR
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	F6/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



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شماره پیمان:

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DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۵۱ از ۶۲

TAG NO: MV-BAL-C01B-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Floating Ball, Wrench .OP, 2 Pieces
Valve Size Range:	2 ~ 6 inch

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۵۲ از ۶۲

TAG NO: MV-BAL-C01S-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Floating Ball, Wrench .OP, 2 Pieces
Valve Size Range:	2 ~ 6 inch

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA



Pressure Rating:	150#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
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9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRAL-PEDCO-000-PI-SP-0006.

 <p>NISOC</p>	<p>تکهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>							
شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴	<b>DATA SHEETS FOR MANUAL VALVES</b>							شماره صفحه: ۵۳ از ۶۲
	پروژه BK	بسته کاری GCS	صادرکننده PEDCO	تسهیلات 120	رشته PI	نوع مدرک DT	سریال 0002	نسخه D00
<b>TAG NO: MV-BAL-C01-GO</b>								
<b>GENERAL DATA</b>								
Type of Valve: Pattern: Valve Size Range:	Ball Full Bore, Split Body, Trunnion Mounted, Gear .OP 8 ~ 10 inch → 2 Piecess 12 ~ 16 inch → 3 Piecess							
<b>CODE &amp; STANDARD</b>								
Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:	API 6D/ASME B16.34 API 6D API 6FA API 6D (Preferred)/API 598							
<b>DESIGN DATA</b>								
Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:	150# 18 85 Casting Casting FLGD (In acc. with ASME B16.5) RF							
<b>MATERIAL</b>								
Body/Bonnet Ball/Disc/Plug: Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt & Nut: Bonnet Gasket:	ASTM A216 WCB 13 % CR BB NA F6/PTFE PTFE STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING VTA ASTM A193 Gr.B7M/ASTM A194 Gr.2HM VTA							
<b>General Note:</b> <ol style="list-style-type: none"> <li>1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.</li> <li>2. Inner or outer leakage is not acceptable.</li> <li>3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions. However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.</li> <li>4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.</li> <li>5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.</li> <li>6. All valve data sheets shall be confirmed by vendor.</li> <li>7. All valve shall have a fire-safe design.</li> <li>8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"</li> <li>9. Valves shall meet requirements of NACE MR0175/ISO 15156.</li> <li>10. Valves shall be fully painted at vendor shop as per BK-GNRL-PEDCO-000-PI-SP-0006.</li> </ol>								



تکهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۵۴ از ۶۲

TAG NO: MV-BAL-C01S-GO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Trunnion Mounted, Gear .OP
Valve Size Range:	8 ~ 10 inch → 2 Piecess 12 ~ 16 inch → 3 Piecess

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	150#
Design Pressure:	18
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	VTA
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۲ از ۵۵

TAG NO: MV-BAL-C03-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Floating Ball, Wrench .OP, 2 Piessce
Valve Size Renge:	2 ~ 4 inch

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE
Gland:	+ PACKING RING
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۲ از ۵۶

TAG NO: MV-BAL-C03W-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces
Valve Size Range:	6 inch

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF



MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE
Gland:	+ PACKING RING
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.



 <p>NISOC</p>	<p>نگهداشت و افزایش تولید میدان نفتی بینک سطح الارض</p> <p>احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک</p>																								
<p>شماره پیمان: ۰۵۳ - ۰۷۳ - ۹۱۸۴</p>	<p>DATA SHEETS FOR MANUAL VALVES</p> <table border="1" data-bbox="430 352 1091 432"> <tr> <td>پروژه</td> <td>بسته کاری</td> <td>صادر کننده</td> <td>تسهیلات</td> <td>رشته</td> <td>نوع مدرک</td> <td>سریال</td> <td>نسخه</td> </tr> <tr> <td>BK</td> <td>GCS</td> <td>PEDCO</td> <td>120</td> <td>PI</td> <td>DT</td> <td>0002</td> <td>D00</td> </tr> </table>								پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه	BK	GCS	PEDCO	120	PI	DT	0002	D00	<p>شماره صفحه: ۶۲ از ۵۷</p>
پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه																		
BK	GCS	PEDCO	120	PI	DT	0002	D00																		
<p><b>TAG NO: MV-BAL-C03S-HO</b></p>																									
<p><b>GENERAL DATA</b></p>																									
<p>Type of Valve: Pattern: Valve Size Renge:</p>					<p>Ball OS&amp;Y, SWIVEL PLUG DISC, H.W.OP 2 ~ 4 inch</p>																				
<p><b>CODE &amp; STANDARD</b></p>																									
<p>Design Code: Face to Face Dimensional: Fire Testing: Pressure Testing:</p>					<p>API 6D/ASME B16.34 API 6D API 6FA API 6D (Preferred)/API 598</p>																				
<p><b>DESIGN DATA</b></p>																									
<p>Pressure Rating: Design Pressure: Design Temperature: Body Construction: Trim Construction: End Connection: Finishing:</p>					<p>300# 48 85 Casting Casting FLGD (In acc. with ASME B16.5) RF</p>																				
<p><b>MATERIAL</b></p>																									
<p>Body/Bonnet Ball/Disc/Plug: Cover/Bonnet: Stem: Disc Seat: Body Seat: Packing: Gland: Bolt &amp; Nut: Bonnet Gasket:</p>					<p>ASTM A351 CF3M SS316 BB NA 316/PTFE PTFE STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING ASTM A193 Gr.B8M/ASTM A194 Gr.8M VTA</p>																				
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نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض

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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادر کننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۵۸ از ۶۲

TAG NO: MV-BAL-C03SW-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Trunnion Mounted, Wrench .OP, 2 Pieces
Valve Size Range:	6 inch

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	300#
Design Pressure:	48
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE
Gland:	+ PACKING RING
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۵۹ از ۶۲

TAG NO: MV-BAL-C06-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Trunion Mounted, Wrench .OP, 3 Pieces
Valve Size Renge:	2 ~ 4 inch

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
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احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۰ از ۶۲

TAG NO: MV-BAL-C06-GO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Trunnion Mounted, Gear .OP, 3 Pieces
Valve Size Range:	6 ~ 8 inch

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A216 WCB
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	
Bolt & Nut:	ASTM A193 Gr.B7M/ASTM A194 Gr.2HM
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
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8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
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احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

DATA SHEETS FOR MANUAL VALVES

۰۵۳ - ۰۷۳ - ۹۱۸۴

پروژه

بسته کاری

صادرکننده

تسهیلات

رشته

نوع مدرک

سریال

نسخه

شماره صفحه: ۶۱ از ۶۲

BK

GCS

PEDCO

120

PI

DT

0002

D00

TAG NO: MV-BAL-C06S-HO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Trunnion Mounted, Wrench .OP, 3 Pieces
Valve Size Renge:	2 ~ 4 inch

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
2. Inner or outer leakage is not acceptable.
3. There shall be provision / arrangement to lock the valve in fully open as well as fully closed positions.  
However actual locks shall be supplied as per the various valves MTO summaries attached along with the MR.
4. Vendor shall submit cross-sectional drawing and catalogue showing the material of construction for each component of the valve.
5. Vendor to confirm the suitability of material for specified pressure-temperature rating / design parameters specified.
6. All valve data sheets shall be confirmed by vendor.
7. All valve shall have a fire-safe design.
8. There are "locked opened/closeed" positions in some valves. Vendor shall be considered this item regards to "MR for Manual Valve"
9. Valves shall meet requirements of NACE MR0175/ISO 15156.
10. Valves shall be fully painted at vendor shop as per BK-GNRRAL-PEDCO-000-PI-SP-0006.



نگهداشت و افزایش تولید میدان نفتی بینک  
سطح الارض

احداث ردیف تراکم گاز در ایستگاه جمع آوری بینک



شماره پیمان:

۰۵۳ - ۰۷۳ - ۹۱۸۴

DATA SHEETS FOR MANUAL VALVES

پروژه	بسته کاری	صادرکننده	تسهیلات	رشته	نوع مدرک	سریال	نسخه
BK	GCS	PEDCO	120	PI	DT	0002	D00

شماره صفحه: ۶۲ از ۶۲

TAG NO: MV-BAL-C06S-GO

GENERAL DATA

Type of Valve:	Ball
Pattern:	Full Bore, Split Body, Trunnion Mounted, Gear .OP, 3 Pieces
Valve Size Renge:	6 ~ 8 inch

CODE & STANDARD

Design Code:	API 6D/ASME B16.34
Face to Face Dimensional:	API 6D
Fire Testing:	API 6FA
Pressure Testing:	API 6D (Preferred)/API 598

DESIGN DATA

Pressure Rating:	600#
Design Pressure:	90
Design Temperature:	85
Body Construction:	Casting
Trim Construction:	Casting
End Connection:	FLGD (In acc. with ASME B16.5)
Finishing:	RF

MATERIAL

Body/Bonnet	ASTM A351 CF3M
Ball/Disc/Plug:	SS316
Cover/Bonnet:	BB
Stem:	NA
Disc Seat:	316/PTFE
Body Seat:	PTFE
Packing:	STAINLESS STEEL WIRE AND FLEXIBLE GRAPHITE + PACKING RING
Gland:	
Bolt & Nut:	ASTM A193 Gr.B8M/ASTM A194 Gr.8M
Bonnet Gasket:	VTA

General Note:

1. Vendor shall confirm the selected material, and suggestions for other good materials are appreciated.
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