



COMP-7B-1
ROTARY COMPRESSOR
COMPRESSOR ROTATIVO
MFR: ATLAS COPCO
FABRICANTE: ATLAS COPCO
CAPACITY: 1200 NM3/HR
CAPACIDADE: 1200 NM3/HR
SIZE: HEIGHT: 2000 MM x WIDTH: 2540 MM x DEPTH: 1650 MM
TAMANHO: ALTURA: 2000 MM x LARGURA: 2540 MM x PROFUNDIDADE: 1650 MM
MOC: CARBON STEEL / CAST IRON
MATERIAL: AÇO CARBONO / FERRO FUNDIDO

COMP-7B-2
ROTARY COMPRESSOR
COMPRESSOR ROTATIVO
MFR: ATLAS COPCO
FABRICANTE: ATLAS COPCO
CAPACITY: 1200 NM3/HR
CAPACIDADE: 1200 NM3/HR
SIZE: HEIGHT: 2000 MM x WIDTH: 2540 MM x DEPTH: 1650 MM
TAMANHO: ALTURA: 2000 MM x LARGURA: 2540 MM x PROFUNDIDADE: 1650 MM
MOC: CARBON STEEL / CAST IRON
MATERIAL: AÇO CARBONO / FERRO FUNDIDO

AD-7B-1/2
TWIN ADSORPTION DRYER
TORRE DE ADSORÇÃO DUPLA
MFR: ATLAS COPCO
FABRICANTE: ATLAS COPCO
CAPACITY: 1200 NM3/HR
CAPACIDADE: 1200 NM3/HR
SIZE: HEIGHT: 2558 MM x WIDTH: 930 MM x DEPTH: 1764 MM
TAMANHO: ALTURA: 2558 MM x LARGURA: 930 MM x PROFUNDIDADE: 1764 MM
MOC: BY MANUFACTURER
MATERIAL: PELO FORNECEDOR

AR-7B-1/2
RECEIVER
RESERVATÓRIO
MFR: ATLAS COPCO
FABRICANTE: ATLAS COPCO
CAPACITY: 3,000 L
CAPACIDADE: 3,000 L
SIZE: HEIGHT: 2880 MM x DIAMETER: 1265 MM
TAMANHO: ALTURA: 2880 MM x DIAMETER: 1265 MM
MOC: BY MANUFACTURER
MATERIAL: ASMT A-36

F-COMP-7B-1/2
PARTICULATE COALESCING FILTER
FILTRO COALESCENTE DE PARTÍCULAS
MFR: ATLAS COPCO
FABRICANTE: ATLAS COPCO
CAPACITY: 1200 NM3/HR
CAPACIDADE: 1200 NM3/HR
SIZE: 0.1 MICRA
TAMANHO: 0,1 MICRA
MOC: BY MANUFACTURER
MATERIAL: PELO FORNECEDOR

F-AD-7B-1/2
PARTICULATE COALESCING FILTER
FILTRO COALESCENTE DE PARTÍCULAS
MFR: ATLAS COPCO
FABRICANTE: ATLAS COPCO
CAPACITY: 1200 NM3/HR
CAPACIDADE: 1200 NM3/HR
SIZE: 0.1 MICRA
TAMANHO: 0,1 MICRA
MOC: BY MANUFACTURER
MATERIAL: PELO FORNECEDOR

F-AR-7B-1
PARTICULATE FILTER
FILTRO DE PARTÍCULAS
MFR: ATLAS COPCO
FABRICANTE: ATLAS COPCO
CAPACITY: 1200 NM3/HR
CAPACIDADE: 1200 NM3/HR
SIZE: 0.1 MICRA
TAMANHO: 0,1 MICRA
MOC: BY MANUFACTURER
MATERIAL: PELO FORNECEDOR

M-COMP-7B-1
ROTARY COMPRESSOR MOTOR
MOTOR COMPRESSOR ROTATIVO

M-COMP-7B-2
ROTARY COMPRESSOR MOTOR
MOTOR COMPRESSOR ROTATIVO

M-AD-7B-1/2
TWIN ADSORPTION DRYER MOTOR
MOTOR TORRE DE ADSORÇÃO DUPLA

GENERAL NOTES:
1. ALL COMPONENT & EQUIPMENT NUMBER ARE PRECEDED BY "7B" TO REPRESENT THE BULK DRUG SUBSTANCE (BDS) BUILDING.
2. TOCOS OS NÚMEROS DE COMPONENTES E EQUIPAMENTOS SÃO PRECEDEDIDOS POR "7B" PARA REPRESENTAR O PREDO BDS.
3. LINE NUMBER NOT USED:
4. LAST MANUAL VALVE NUMBER:
5. MANUAL VALVE NUMBERS NOT USED:
6. SYMBOLS REFERENCE - SEE DOCUMENT 07-M-0-5-01
7. SYMBOLS REFERENCE - VER DOCUMENTO 07-M-0-5-01

SHEET NOTES
1. VENDOR PACKAGE. DIAMETERS INDICATED AS "X" SHALL BE DEFINED BY VENDOR.
2. DEW POINT ANALYZER.
3. COMPRESSED AIR QUALITY - IN ACCORDANCE WITH ISO-8573-1:2010.
4. COMPRESSOR - ONE OPERATING AND OTHER - STAND BY.
5. TWIN ADSORPTION DRYER - ONE OPERATING AND OTHER - STAND BY.
6. MAXIMUM FLOWRATE CONSIDERED = 885 NM3/HR (DIVERSITY OF 31%).
7. EXTERNAL AREA.
8. MAIN CONTROL PANEL FUNCTION.
9. PANEL LOCATED NEAR THE EQUIPMENT.
10. FOR TYPICAL DETAILS SEE DOCUMENT 07-M-0-5-01.
11. ITEMS IN ORANGE WILL BE FUTURE EQUIPMENT / ACCESSORIES.

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REV	DATE	DESCRIPTION	BY	CHECK	APPR
A	19JUL2020	10% BO ISSUE	LEF	-	-
B	28AUG2020	90% BO ISSUE	LEF	-	-
C	17NOV2020	DESIGN ISSUE	LEF	-	-
D	17DEC2020	FINAL ISSUE	LEF	-	-
E	06APR2021	30% DO ISSUE	MPA	CCO	MSS
F	06APR2021	ISSUED FOR CONSTRUCTION	JRM	LFF	MSS
G	06APR2022	ISSUED FOR CONSTRUCTION	JRM	LFF	MSS

TESSLER
engenharia

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REVISION 0 NOTES
• MANUAL VALVES HV-8400141 TO 148 HAVE BEEN UPDATED TO CHECK VALVE CV-8400141 TO 148.
• VÁLVULAS MANUAIS HV-8400141 ATE 148 ALTERADA PARA VÁLVULA DE RETENÇÃO CV-8400141 ATE 148.
• EQUIPMENT CAPACITY AND SIZE HAVE BEEN UPDATED.
• CAPACIDADE E TAMANHO DOS EQUIPAMENTOS ATUALIZADOS.
• SHEET NOTES HAVE BEEN UPDATED.
• NOTAS ATUALIZADAS.
• BALANCING VALVE ADDED TO THE INLET COMPRESSOR (COOLING WATER).
• ADICIONADO VÁLVULA DE BALANCEAMENTO NA ENTRADA DO COMPRESSOR (ÁGUA DE RESFRIAMENTO).
• SPEC. HAS BEEN CHANGED FROM SS8 TO SS5.
• ESPEC. ALTERADA DE SS8 PARA SS5.

REVISION 1 NOTES
• AS PER N+1 UPDATE.
• CONFORME ATUALIZAÇÃO N+1
• INCLUDED SHEET NOTE NUMBER 11
• INCLUIDA NOTA NÚMERO 11

HOLD LIST

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Takeda
Hemobrás
Buriti EPCMV

P&ID DIAGRAM
DRUG SUBSTANCE
COMPRESSED AIR
GENERATION SYSTEM

ENGINEER LFF	ARCHITECT RCT	DESIGNER FJT	IPS PROJECT # ITD19439.01
DRAWN BY MPA	REVIEWED BY CCO	SCALE NONE	CADD FILE NAME 7B-M-0-5-81_1_P&ID-COMPRESSED AIR-GENERATION

DRAWING NUMBER
7B-M-0-5-81