Compatibility between related documents is in vendor responsibility.

Please refer to the doc. No also.

NOTES :
1-All DIMENSIONS ARE IN MILLIMETERS.
2-BOLTS, NUTS,WASHERS,THREADS,PARTS INCLUDES THREADS SHALL BE AS PER PROJECT SPECIFICATION.
3-COATING SHALL BE AS PER PROJECT SPECIFICATION.
4-MIN HEIGHT OF FILLET WELD=0.7xMIN THK.

| TOLERANCES | | | |
|---|---|---|---|
| THE FOLLOWING VALUES ARE APPLICABLE TO THE DIMENSIONS THAT ARE NOT PROVIDED WITH TOLERANCES ON DRAWING | | | |
| NOMINAL DIMENSIONS PER MILLIMETER STEPS | 0 600 | 601 5000 | 5001 & + |
| TOLERANCES ± | 1 | 2 | 3 |
| TOLERANCE ON CENTER DISTANCES ± 0.5 THE TOLERANCES SHOWN HERE ARE NOT CUMULATIVE | | | |

PART LIST

| PART NO | DESCRIPTION | DIA. (mm) | LENGTH (mm) | WIDTH (mm) | THK. (mm) | MATERIAL | QTY. | Unit Weight | Total Weight | REV. |
|---|---|---|---|---|---|---|---|---|---|---|
| 6307-00 | SUPPORT MECHANISM INCLUDING: | - | - | - | - | - | 4 | 151 | 606 | |
| 6307-00/1 | SUPPORT MECHANISM FRAME ASSEMBLY: | - | - | - | - | - | 1 | 142 | 142 | |
| 6307-01 | UPN 200 | - | 2290 | - | - | st-37(Galv.) | 1 | 58 | 58 | |
| 6307-02 | UPN 200 | - | 2290 | - | - | st-37(Galv.) | 1 | 58 | 58 | |
| 6307-03 | UPN 80 | - | 604 | - | - | st-37(Galv.) | 1 | 5 | 5 | |
| 6307-04 | UPN 80 | - | 604 | - | - | st-37(Galv.) | 1 | 5 | 5 | |
| 6307-05 | L50*5 | - | 920 | | | st-37(Galv.) | 2 | 3 | 7 | |
| 6307-06 | L- SHAPE 85*80*10 | - | 400 | - | 10 | st-37(Galv.) | 2 | 5 | 9 | |
| 6307-00/2 | BEARING BLOCK SUPPORT ASSEMBLY: | | | | | | 1 | 18 | 18 | |
| 6307-07 | UPN 100 | - | 540 | - | - | st-37(Galv.) | 2 | 6 | 11 | |
| 6307-08 | UPN 100 | - | 300 | - | - | st-37(Galv.) | 2 | 3 | 6 | |
| | BOLT & NUT & WASHER INCLUDING : | | | | | | | | | |
| 6307-09 | BOLT FOR CONNECTING B.B. SUPPORT TO SUPPORT MECHA | M16 | 50 | - | - | DIN-933-CL.8.8(Dacromet) | 4 | | | |
| 6307-10 | NUT | M16 | - | - | - | DIN-934-CL.8(Dacromet) | 4 | | | |
| 6307-11 | WASHER | A17 | - | - | - | DIN-125A-ST(Dacromet) | 4 | | | |
| 6307-12 | TAPER WASHER | - | - | - | - | DIN-434-18-ST-8%(Dacromet) | 4 | | | |
| 6307-13 | BOLT FOR CONNECTING SUPPORT MECHANISM TO FAN RING | M12 | 40 | - | - | DIN-933-CL.8.8(Dacromet) | 8 | | | |
| 6307-14 | NUT | M12 | - | - | - | DIN-934-CL.8(Dacromet) | 8 | | | |
| 6307-15 | WASHER | A13 | - | - | - | DIN-125A-ST(Dacromet) | 16 | | | |

For Bolt and nuts 12 mm and above shall be Hot Dip Galvanized According to ASTM A153 (45~55 µ).

SECTION A-A

SEC. B-B

VIEW A

VIEW B

VIEW F

DET. 07

DET. 08

DET. A

DET. W1 TYP.

UPN 200 6307-01

UPN 200 6307-02

6307-03 UPN 80

6307-04 UPN 80

6307-05 L50*5

6307-06 L-SHAPE 85*80*10

6307-00/2 UPN 100

SLOT 14x20

THE WELD SURFACE SHOULD BE FLUSHED BEFORE GALVANIZING.

* FOR MORE DETAILS FOR EACH COMPONENT OF AIR COOLER REFER TO BELOW DRAWING & DOCUMENTS.

## REFERENCED DWG&DOC.

| TITLE | VENDOR DOCUMENT NO. | CLIENT DOCUMENT NO. |
|---|---|---|
| General Arrangement Drawing | 1158-A01-1000-00 | EI027-DMF-VD-ME-DWG-003 |
| Fan Drive Assembly Drawing | 1158-A01-6000-00 | EI027-DMF-VD-ME-DWG-008 |
| Plenum Drawing | 1158-A01-5110-00 | EI027-DMF-VD-ME-DWG-011 |
| Fan Ring Drawing | 1158-A01-5067-00 | EI027-DMF-VD-ME-DWG-009 |
| Surface Preparation and Painting Procedure for Air Cooler | 1158-A01-QS01-00 | EI027-DMF-VD-QC-PRO-024 |

| REV | DATE | DESCRIPTION | DRAWN BY | CHECKED BY | APPROVED BY | FINAL APPROVED BY |
|---|---|---|---|---|---|---|
| R1 | 08/20/2024 | ISSUED FOR APPROVAL | F.SZ | F.A. | J.B.L | A.GHZ |
| R0 | 08/10/2024 | ISSUED FOR APPROVAL | F.SZ | F.A. | J.B.L | A.GHZ |

CLIENT:

CONTRACTOR:

PROJECT :
AIR COOLER FOR
Toase-ehe Park Sanati Gohar Ofogh Petrochemical Co.
Support Mechanism Drawing
1158-A01-6037-00

| DWG. NO. | EI027-DMF-VD-ME-DWG-010 | |
|---|---|---|
| SCALE : N.T.S. | SIZE : A3 | REV. : R1 |

Damafin thermal technology
Factory : Km 14 special Karaj road

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