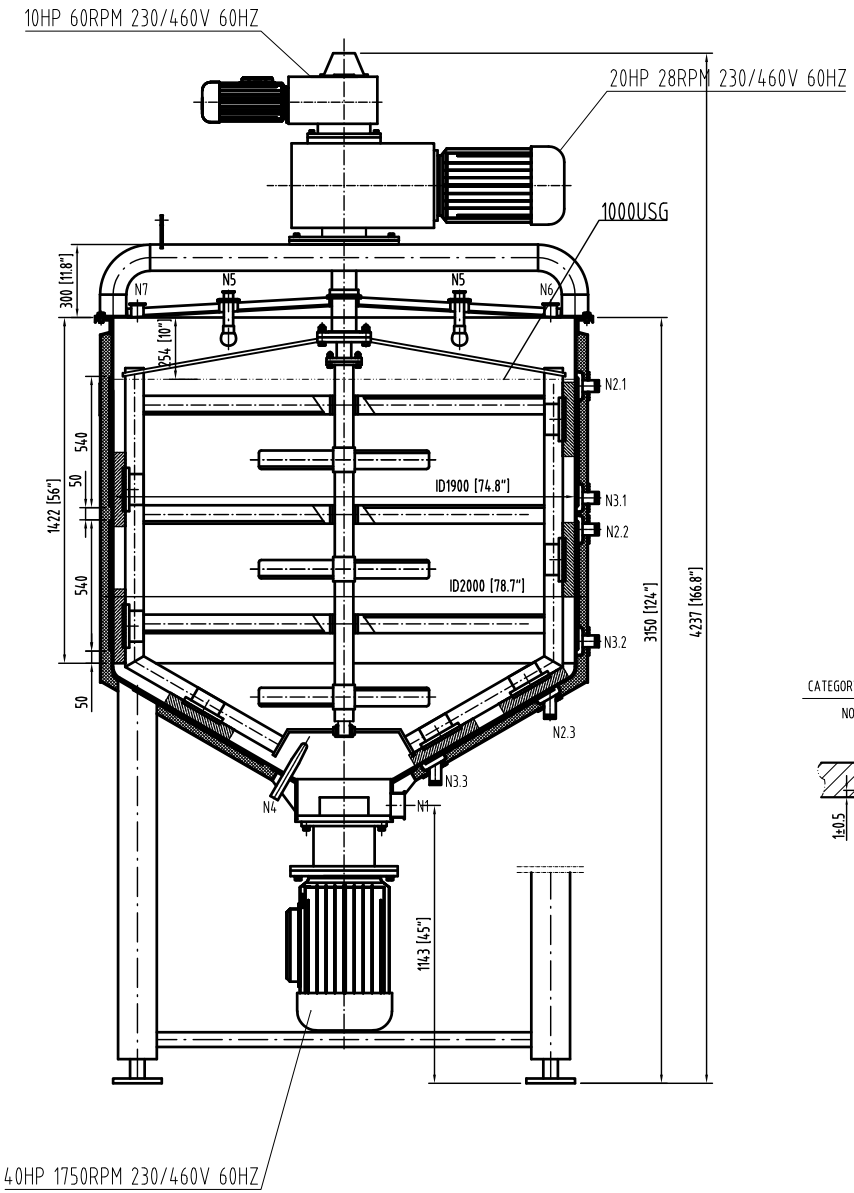
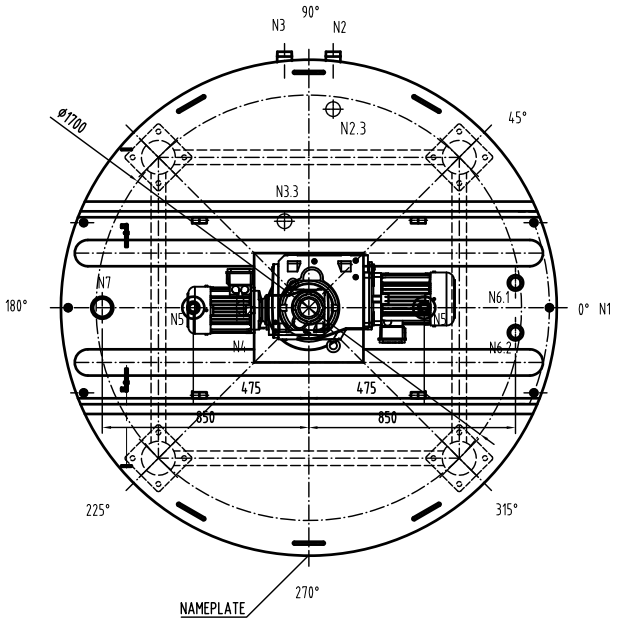


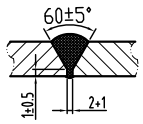

MATERIAL SCHEDULE

| ITEM | Q'TY. | SIZE/THICK | MATERIAL | DESCRIPTION |
|---|---|---|---|---|
| 1 | 4 | ø159x6 | S.S 304 | LEG |
| 2 | 2 | 2mm. | S.S 316L | COVER TOP |
| 3 | 1 | 6mm. | S.S 316L | SHELL |
| 4 | 1 | 6mm | S.S 316L | **BOTTOM CONE** |
| 5 | 3 | 2mm | S.S 304 | **JACKET** |
| 6 | 1 | 3mm | S.S 304 | **OUTSIDE SHELL** |

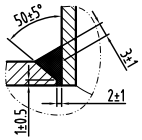
NOZZLE SCHEDULE

| ITEM | Q'TY. | MATERIAL | SIZE | DESCRIPTION |
|---|---|---|---|---|
| N1 | 1 | 316L S.S | 4" TC | OUTLET |
| N2 | 3 | 304 S.S | 1.5" NPT | JACKETED INLET |
| N3 | 3 | 304 S.S | 1.5" NPT | JACKETED OUTLET |
| N4 | 1 | 316L S.S | 3/4"FNPT | THERMOWELL |
| N5 | 2 | 316L S.S | 1.5"/3"TC | CIP |
| N6 | 2 | 316L S.S | 2"TC | Return / Liquid inlet port |
| N7 | 1 | 316L S.S | 3"TC | Inlet |

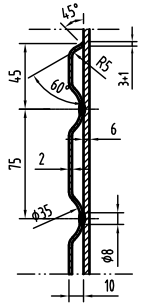
CATEGORY A,B WELDING JOINT
NOT TO SCALE



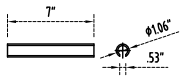

NOZZLE WELDING JOINT
NOT TO SCALE



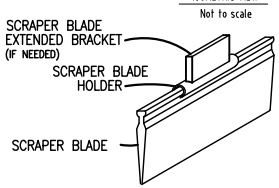

DIMPLE JACKET WELDING JOINT
NOT TO SCALE

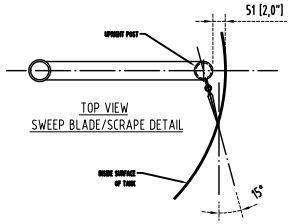



SCRAPER BLADE HOLDER
NOT TO SCALE




SCRAPER BLADE
ISOMETRIC VIEW
Not to scale




STANDARD INFORMATION & NOTES

| | |
|---|---|
| DESIGN PRESSURE & TEMP.: | VESSEL: ATMOSPHERIC @ AMBIENT<br>JACKET: 75PSI@308°F |
| HYDRO TEST AT AMBIENT: | JACKET: 99PSI |
| WORKING TEMPERATURE: | JACKET: 308°F |
| SHOP TOLERANCE: ±1/8" | |
| APPROX. EMPTY WEIGHT: ≈ | |
| FINISH: | INTERIOR: 316L S.S. SURFACES - #4 SANITARY FINISH<br>(3A STANDARD-Ra RANGE 23-32)<br>WELDS - GROUND SMOOTH & FLUSH TO #4 SANITARY FINISH<br>(3A STANDARD-Ra RANGE 23-32)<br>EXTERIOR: 304 S.S. SURFACES - #4 SANITARY FINISH<br>WELDS-STRIPE BUFFED W/ DISCORLORATION REMOVED |
| ASME CERTIFIED :YES, WITH U DESIGNATOR , FOR JACKET ONLY | |
| PASSIVATION REQ'D.: NA | |
| DRIVE: 20HP@28 RPM, 230/460V, 60HZ; 10HP@60 RPM, 230/460V, 60HZ; 40HP 1750RPM 230/460V 60HZ | |

| | | | | | |
|---|---|---|---|---|---|
| SHAANXI HONGDA INDUSTRY CO., LTD | | | | DRAWING NO. | 25-1117-02-HA |
| PREPARED BY | | | 1000USG | PROJECT NUMBER | 25-1117-02-HA |
| CHECKED BY | | | Jacketed Mixing Tank | GENERAL DRAWING | |
| APPROVED BY | | | SCALE 1:12 WEIGHT | REV 4 | TOTAL: 1<br>PAGE : 1 |