

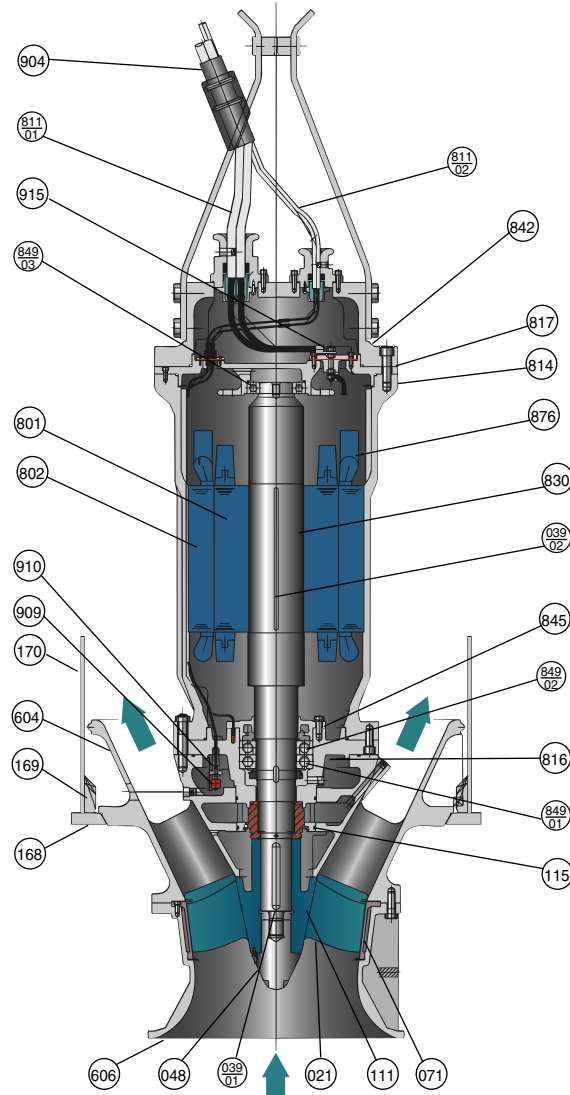
**Sectional View**

Project: \_\_\_\_\_

Model: \_\_\_\_\_

Chk'd: \_\_\_\_\_

Date: \_\_\_\_\_



No.	Qty	Part Name	Material	ATM/AISI Code	No.	Qty	Part Name	Material	ATM/AISI Code
915	1	Terminal Board			811-01	1	Power Cable		
910	1	Leakage Detector Support	Cast Iron	ASTM A48 CL. 30	802	1	Stator	Copper	
909	1	Leakage Detector			801	1	Rotor	Aluminum	
904	1	Lifting Hanger	Steel	ASTM A283 GR.D	606	1	Suction Bell	Cast Iron	ASTM A48 CL. 35
876	1	Thermal Protector			604	1	Discharge Bowl	Cast Iron	ASTM A48 CL. 35
849-03	1	Ball Bearing	Steel		170	1	Column Pipe	Steel	ASTM A283 GR. D
849-02	1	Ball Bearing	Steel		169	1	Rotation Stopper	Steel	ASTM A283 GR. D
849-01	1	Ball Bearing	Steel		168	1	Sole Plate	Steel	ASTM A283 GR. D
845	1	Bearing Cover	Cast Iron	ASTM A48 CL. 30	115	1	O Ring	NBR	
842	1	Motor Cover	Cast Iron	ASTM A48 CL. 35	111	1	Mechanical Seal	See Detail	
830	1	Shaft	Stainless	AISI 403	071	1	Casing Liner	Stainless	ASTM A743-CF8
817	1	Opposite Side Bracket	Cast Iron	ASTM A48 CL. 35	048	1	Impeller Nut	Stainless	AISI 403
816	1	Power Side Bracket	Cast Iron	ASTM A48 CL. 35	039-02	1	Key	Steel	AISI 1050
814	1	Motor Frame	Cast Iron	ASTM A48 CL. 35	039-01	1	Key	Stainless	AISI 420
811-02	1	Control Cable			021	1	Impeller	Ductile Iron	ASTM A536-60-40

**Optional Materials**

021	1	Impeller	Stainless	ASTM A743 CF8
021	1	Impeller	Bronze	ASTM B584 C90300

**Accessories**

Project: \_\_\_\_\_ Model: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**Sole Plate – (Standard Supply)**

Ebara DSZ3 pump is installed on the sole plate with a rotation stopper.

The sole plate is designed and manufactured by Ebara and is to be welded to the column pipe in accordance with the welding procedure prepared by Ebara.

Material: Rolled Steel, ASTM A283 Gr.D

Note:

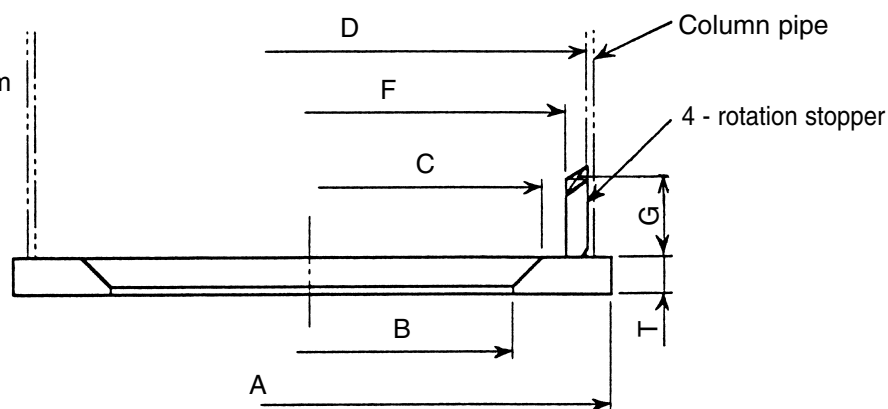
Concentricity of D to B or C shall be as follows:

Max. concentricity

2.0mm for D=450–800mm

3.0mm for D=900–1350mm

4.0mm for D=1400–2000mm

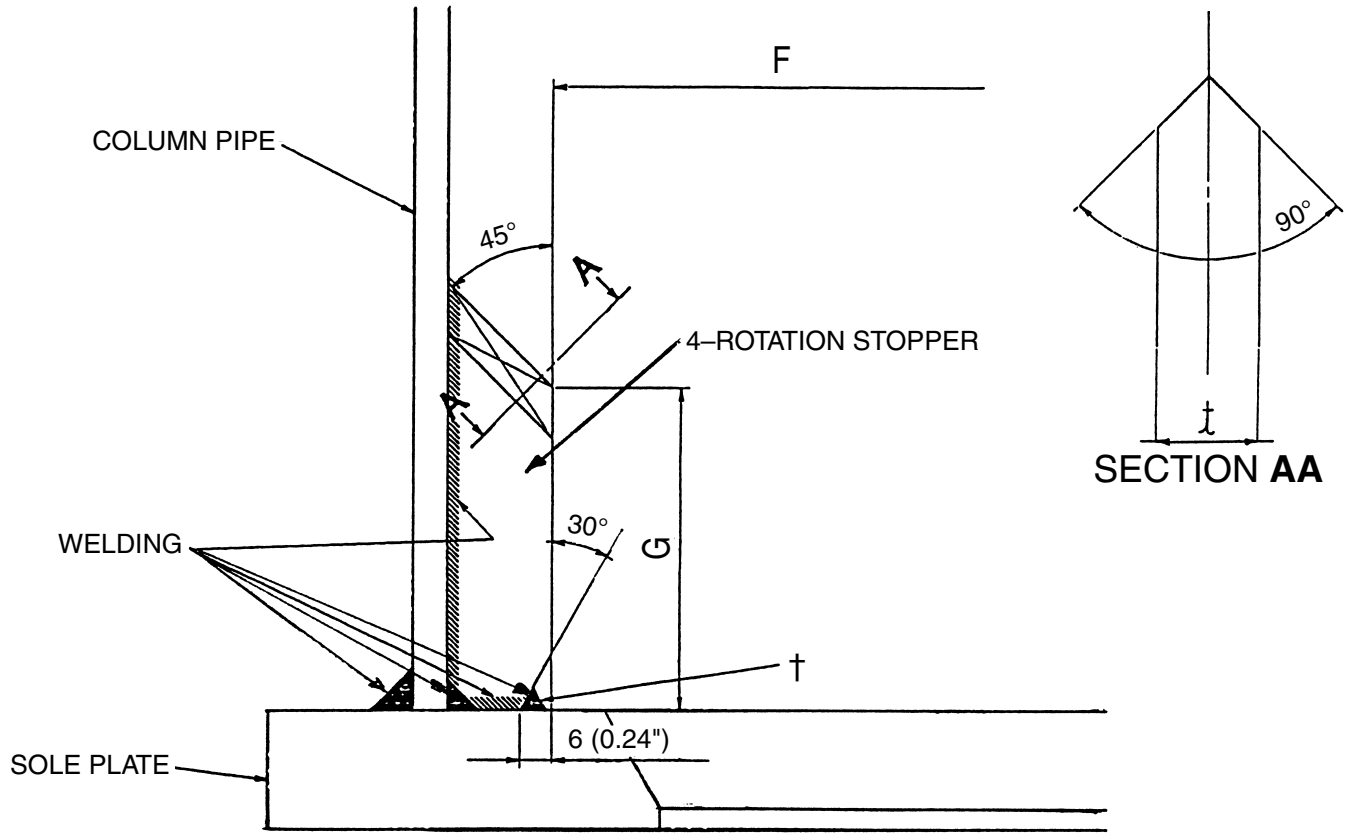

**UNIT : INCH (mm)**

Pipe Dia.	Min. Inside Dia. D	A	B	C	F	G	T	Lbs (kgf)
18 (450)	17 <sup>5</sup> / <sub>16</sub> (440)	20 <sup>1</sup> / <sub>16</sub> (510)	14 <sup>5</sup> / <sub>16</sub> (364)	15 <sup>3</sup> / <sub>16</sub> (385)	15 <sup>15</sup> / <sub>16</sub> (405)	2 <sup>3</sup> / <sub>16</sub> (55)	7/8 (22)	37 (17)
20 (500)	19 <sup>5</sup> / <sub>16</sub> (490)	22 <sup>1</sup> / <sub>16</sub> (560)	16 <sup>5</sup> / <sub>16</sub> (414)	17 <sup>7</sup> / <sub>8</sub> (435)	17 <sup>15</sup> / <sub>16</sub> (455)	2 <sup>3</sup> / <sub>16</sub> (55)	7/8 (22)	42 (19)
24 (600)	23 <sup>1</sup> / <sub>4</sub> (590)	26 (660)	20 <sup>1</sup> / <sub>4</sub> (514)	21 <sup>1</sup> / <sub>16</sub> (535)	21 <sup>7</sup> / <sub>8</sub> (555)	2 <sup>3</sup> / <sub>8</sub> (60)	7/8 (22)	51 (23)
28 (700)	27 <sup>3</sup> / <sub>16</sub> (690)	29 <sup>15</sup> / <sub>16</sub> (760)	23 <sup>1</sup> / <sub>2</sub> (597)	24 <sup>5</sup> / <sub>8</sub> (625)	25 <sup>7</sup> / <sub>16</sub> (646)	2 <sup>3</sup> / <sub>8</sub> (60)	1 <sup>1</sup> / <sub>8</sub> (28)	84 (38)
30 (750)	29 <sup>1</sup> / <sub>8</sub> (740)	31 <sup>7</sup> / <sub>8</sub> (810)	25 <sup>1</sup> / <sub>2</sub> (647)	26 <sup>9</sup> / <sub>16</sub> (675)	27 <sup>1</sup> / <sub>2</sub> (698)	2 <sup>9</sup> / <sub>16</sub> (65)	1 <sup>1</sup> / <sub>8</sub> (28)	90 (41)
32 (800)	31 <sup>1</sup> / <sub>8</sub> (790)	33 <sup>7</sup> / <sub>8</sub> (860)	27 <sup>1</sup> / <sub>16</sub> (687)	28 <sup>1</sup> / <sub>8</sub> (715)	29 <sup>1</sup> / <sub>16</sub> (738)	2 <sup>9</sup> / <sub>16</sub> (65)	1 <sup>1</sup> / <sub>8</sub> (28)	101 (46)
36 (900)	35 <sup>1</sup> / <sub>16</sub> (890)	37 <sup>13</sup> / <sub>16</sub> (960)	31 (787)	32 <sup>1</sup> / <sub>16</sub> (815)	33 <sup>3</sup> / <sub>16</sub> (840)	2 <sup>3</sup> / <sub>4</sub> (70)	1 <sup>1</sup> / <sub>8</sub> (28)	115 (52)
40 (1000)	39 (990)	42 <sup>1</sup> / <sub>8</sub> (1070)	34 <sup>9</sup> / <sub>16</sub> (878)	35 <sup>13</sup> / <sub>16</sub> (910)	36 <sup>13</sup> / <sub>16</sub> (935)	2 <sup>3</sup> / <sub>4</sub> (70)	1 <sup>1</sup> / <sub>4</sub> (32)	163 (74)
42 (1050)	40 <sup>15</sup> / <sub>16</sub> (1040)	44 <sup>1</sup> / <sub>8</sub> (1120)	36 <sup>9</sup> / <sub>16</sub> (928)	37 <sup>13</sup> / <sub>16</sub> (960)	38 <sup>3</sup> / <sub>4</sub> (985)	2 <sup>3</sup> / <sub>4</sub> (70)	1 <sup>1</sup> / <sub>4</sub> (32)	172 (78)
48 (1200)	46 <sup>7</sup> / <sub>8</sub> (1190)	50 (1270)	42 <sup>1</sup> / <sub>16</sub> (1068)	43 <sup>5</sup> / <sub>16</sub> (1100)	44 <sup>1</sup> / <sub>2</sub> (1130)	3 <sup>1</sup> / <sub>8</sub> (80)	1 <sup>1</sup> / <sub>4</sub> (32)	207 (94)
54 (1350)	52 <sup>3</sup> / <sub>4</sub> (1340)	56 <sup>5</sup> / <sub>16</sub> (1430)	47 <sup>7</sup> / <sub>8</sub> (1203)	48 <sup>5</sup> / <sub>8</sub> (1235)	50 <sup>9</sup> / <sub>16</sub> (1275)	3 <sup>1</sup> / <sub>8</sub> (80)	1 <sup>1</sup> / <sub>4</sub> (32)	262 (119)
56 (1400)	54 <sup>3</sup> / <sub>4</sub> (1390)	58 <sup>1</sup> / <sub>4</sub> (1480)	49 <sup>9</sup> / <sub>16</sub> (1253)	50 <sup>9</sup> / <sub>16</sub> (1285)	52 <sup>9</sup> / <sub>16</sub> (1325)	3 <sup>1</sup> / <sub>8</sub> (80)	1 <sup>1</sup> / <sub>4</sub> (32)	271 (123)
60 (1500)	58 <sup>11</sup> / <sub>16</sub> (1490)	62 <sup>3</sup> / <sub>16</sub> (1580)	53 <sup>1</sup> / <sub>4</sub> (1353)	54 <sup>1</sup> / <sub>2</sub> (1385)	56 <sup>1</sup> / <sub>8</sub> (1425)	3 <sup>1</sup> / <sub>8</sub> (80)	1 <sup>1</sup> / <sub>4</sub> (32)	291 (132)
64 (1600)	62 <sup>5</sup> / <sub>8</sub> (1590)	65 <sup>3</sup> / <sub>4</sub> (1670)	57 <sup>1</sup> / <sub>16</sub> (1449)	58 <sup>7</sup> / <sub>16</sub> (1485)	60 <sup>1</sup> / <sub>16</sub> (1525)	3 <sup>1</sup> / <sub>8</sub> (80)	1 <sup>7</sup> / <sub>16</sub> (36)	373 (169)
72 (1800)	70 <sup>1</sup> / <sub>2</sub> (1790)	74 <sup>7</sup> / <sub>16</sub> (1890)	64 <sup>15</sup> / <sub>16</sub> (1649)	66 <sup>5</sup> / <sub>16</sub> (1685)	67 <sup>15</sup> / <sub>16</sub> (1725)	3 <sup>1</sup> / <sub>8</sub> (80)	1 <sup>7</sup> / <sub>16</sub> (36)	419 (190)
80 (2000)	78 <sup>3</sup> / <sub>8</sub> (1990)	82 <sup>5</sup> / <sub>8</sub> (2100)	72 <sup>5</sup> / <sub>8</sub> (1844)	74 (1880)	75 <sup>9</sup> / <sub>16</sub> (1920)	3 <sup>1</sup> / <sub>8</sub> (80)	1 <sup>7</sup> / <sub>16</sub> (36)	496 (225)

**Accessories**

Project: \_\_\_\_\_ Model: \_\_\_\_\_ Chk'd: \_\_\_\_\_ Date: \_\_\_\_\_

**Sole Plate Welding Procedures**



†: The welding bead is not to be projected from the inner surface of the rotation stopper.