

**INSTALLATION NOTES**

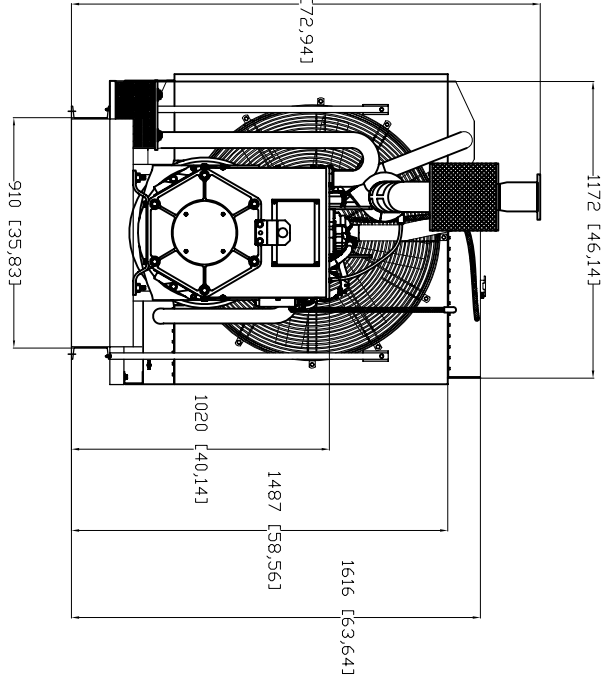
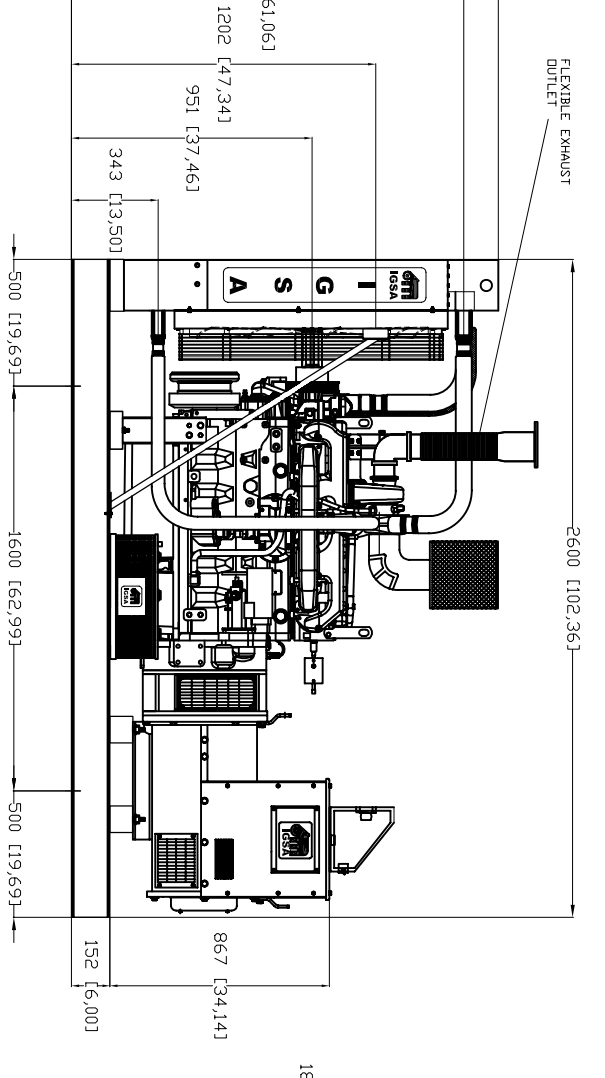
GENERAL DIMENSIONS SUGGESTED BY MAQUINARIA IUSA CAN BE MODIFIED IN FIELD ACCORDING TO INSTALLATION.

POWER GENERATOR'S SILENCER IS PROVIDED SEPARATELY. ITS LOCATION AND DIRECTION CAN BE ADJUSTED IN SITE ACCORDING TO THE NEEDS OF INSTALLATION.

DIAMETER OF SILENCER BODY IS 10"

DIAMETER OF FLEXIBLE TUBE FOR SILENCER IS 4"

PREHEATER IS PROVIDED OF ORIGIN, INTEGRATED TO MONOBLOCK (IS NOT OF BOAT)



NOTE: DIMENSIONS IN [ ] ARE INCH

250 KW  
60Hz/AC  
SERIES JD  
TYPE II

DESCRIPTION	REVIEW NUMBER OF CHANGE	DATE	REVIEW
LIST OF REVISIONS			

FD-GI-01-02 REV.01

COPY CONTROLLED

COPY NOT CONTROLLED

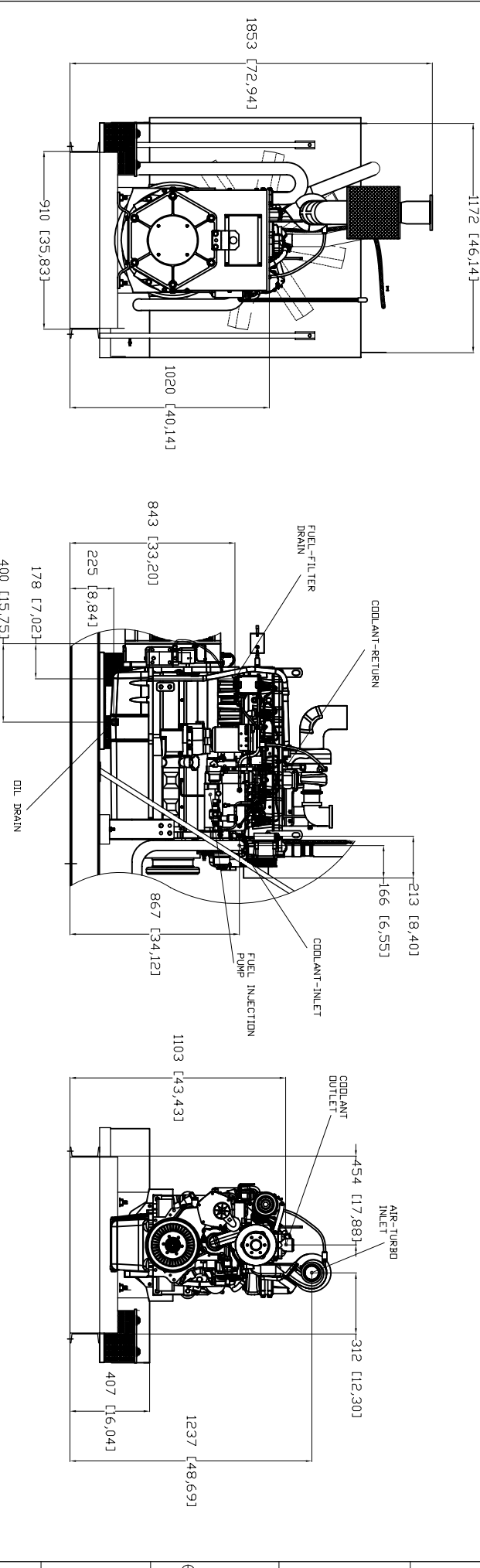
OBSOLETE DATE: .....

MATERIAL	NA	PART NUMBER/WEIGHT (kg)	NA	FINISH	NA	NOT FINISH	NA
STANDARD TOLERANCES OF NOT SPECIFY OTHER							
MANUFACTURING NOT TOLERANCE	TOLERANCES	DECIMAL	MANUFACTURING TOLERANCE	LINEAR	DIAMETER	ANGULAR	
RANGE							
0 mm - 200 mm	± 0.10 mm	0	± 0.10 mm	± 0.10 mm	± 0.10 mm	± 1'	
200 mm - 500 mm	± 0.15 mm	0	± 0.15 mm	± 0.15 mm	± 0.15 mm	± 1'	
500 mm - 1000 mm	± 0.20 mm	0	± 0.20 mm	± 0.20 mm	± 0.20 mm	± 1'	
1000 mm - 2000 mm	± 0.30 mm	0	± 0.30 mm	± 0.30 mm	± 0.30 mm	± 1'	
2000 mm - 5000 mm	± 0.40 mm	0	± 0.40 mm	± 0.40 mm	± 0.40 mm	± 1'	
5000 mm - 10000 mm	± 0.50 mm	0	± 0.50 mm	± 0.50 mm	± 0.50 mm	± 1'	
10000 mm - 20000 mm	± 0.60 mm	0	± 0.60 mm	± 0.60 mm	± 0.60 mm	± 1'	
20000 mm - 50000 mm	± 0.80 mm	0	± 0.80 mm	± 0.80 mm	± 0.80 mm	± 1'	
50000 mm - 100000 mm	± 1.00 mm	0	± 1.00 mm	± 1.00 mm	± 1.00 mm	± 1'	
100000 mm - 200000 mm	± 1.50 mm	0	± 1.50 mm	± 1.50 mm	± 1.50 mm	± 1'	
200000 mm - 500000 mm	± 2.00 mm	0	± 2.00 mm	± 2.00 mm	± 2.00 mm	± 1'	
500000 mm - 1000000 mm	± 3.00 mm	0	± 3.00 mm	± 3.00 mm	± 3.00 mm	± 1'	
1000000 mm - 2000000 mm	± 4.00 mm	0	± 4.00 mm	± 4.00 mm	± 4.00 mm	± 1'	
2000000 mm - 5000000 mm	± 5.00 mm	0	± 5.00 mm	± 5.00 mm	± 5.00 mm	± 1'	
5000000 mm - 10000000 mm	± 6.00 mm	0	± 6.00 mm	± 6.00 mm	± 6.00 mm	± 1'	
10000000 mm - 20000000 mm	± 8.00 mm	0	± 8.00 mm	± 8.00 mm	± 8.00 mm	± 1'	
20000000 mm - 50000000 mm	± 10.00 mm	0	± 10.00 mm	± 10.00 mm	± 10.00 mm	± 1'	
50000000 mm - 100000000 mm	± 15.00 mm	0	± 15.00 mm	± 15.00 mm	± 15.00 mm	± 1'	
100000000 mm - 200000000 mm	± 20.00 mm	0	± 20.00 mm	± 20.00 mm	± 20.00 mm	± 1'	
200000000 mm - 500000000 mm	± 30.00 mm	0	± 30.00 mm	± 30.00 mm	± 30.00 mm	± 1'	
500000000 mm - 1000000000 mm	± 40.00 mm	0	± 40.00 mm	± 40.00 mm	± 40.00 mm	± 1'	
1000000000 mm - 2000000000 mm	± 50.00 mm	0	± 50.00 mm	± 50.00 mm	± 50.00 mm	± 1'	
2000000000 mm - 5000000000 mm	± 70.00 mm	0	± 70.00 mm	± 70.00 mm	± 70.00 mm	± 1'	
5000000000 mm - 10000000000 mm	± 100.00 mm	0	± 100.00 mm	± 100.00 mm	± 100.00 mm	± 1'	
10000000000 mm - 20000000000 mm	± 150.00 mm	0	± 150.00 mm	± 150.00 mm	± 150.00 mm	± 1'	
20000000000 mm - 50000000000 mm	± 200.00 mm	0	± 200.00 mm	± 200.00 mm	± 200.00 mm	± 1'	
50000000000 mm - 100000000000 mm	± 300.00 mm	0	± 300.00 mm	± 300.00 mm	± 300.00 mm	± 1'	
100000000000 mm - 200000000000 mm	± 400.00 mm	0	± 400.00 mm	± 400.00 mm	± 400.00 mm	± 1'	
200000000000 mm - 500000000000 mm	± 500.00 mm	0	± 500.00 mm	± 500.00 mm	± 500.00 mm	± 1'	
500000000000 mm - 1000000000000 mm	± 700.00 mm	0	± 700.00 mm	± 700.00 mm	± 700.00 mm	± 1'	
1000000000000 mm - 2000000000000 mm	± 1000.00 mm	0	± 1000.00 mm	± 1000.00 mm	± 1000.00 mm	± 1'	
2000000000000 mm - 5000000000000 mm	± 1500.00 mm	0	± 1500.00 mm	± 1500.00 mm	± 1500.00 mm	± 1'	
5000000000000 mm - 10000000000000 mm	± 2000.00 mm	0	± 2000.00 mm	± 2000.00 mm	± 2000.00 mm	± 1'	
10000000000000 mm - 20000000000000 mm	± 3000.00 mm	0	± 3000.00 mm	± 3000.00 mm	± 3000.00 mm	± 1'	
20000000000000 mm - 50000000000000 mm	± 4000.00 mm	0	± 4000.00 mm	± 4000.00 mm	± 4000.00 mm	± 1'	
50000000000000 mm - 100000000000000 mm	± 5000.00 mm	0	± 5000.00 mm	± 5000.00 mm	± 5000.00 mm	± 1'	
100000000000000 mm - 200000000000000 mm	± 7000.00 mm	0	± 7000.00 mm	± 7000.00 mm	± 7000.00 mm	± 1'	
200000000000000 mm - 500000000000000 mm	± 10000.00 mm	0	± 10000.00 mm	± 10000.00 mm	± 10000.00 mm	± 1'	
500000000000000 mm - 1000000000000000 mm	± 15000.00 mm	0	± 15000.00 mm	± 15000.00 mm	± 15000.00 mm	± 1'	
1000000000000000 mm - 2000000000000000 mm	± 20000.00 mm	0	± 20000.00 mm	± 20000.00 mm	± 20000.00 mm	± 1'	
2000000000000000 mm - 5000000000000000 mm	± 30000.00 mm	0	± 30000.00 mm	± 30000.00 mm	± 30000.00 mm	± 1'	
5000000000000000 mm - 10000000000000000 mm	± 40000.00 mm	0	± 40000.00 mm	± 40000.00 mm	± 40000.00 mm	± 1'	
10000000000000000 mm - 20000000000000000 mm	± 50000.00 mm	0	± 50000.00 mm	± 50000.00 mm	± 50000.00 mm	± 1'	
20000000000000000 mm - 50000000000000000 mm	± 70000.00 mm	0	± 70000.00 mm	± 70000.00 mm	± 70000.00 mm	± 1'	
50000000000000000 mm - 100000000000000000 mm	± 100000.00 mm	0	± 100000.00 mm	± 100000.00 mm	± 100000.00 mm	± 1'	
100000000000000000 mm - 200000000000000000 mm	± 150000.00 mm	0	± 150000.00 mm	± 150000.00 mm	± 150000.00 mm	± 1'	
200000000000000000 mm - 500000000000000000 mm	± 200000.00 mm	0	± 200000.00 mm	± 200000.00 mm	± 200000.00 mm	± 1'	
500000000000000000 mm - 1000000000000000000 mm	± 300000.00 mm	0	± 300000.00 mm	± 300000.00 mm	± 300000.00 mm	± 1'	
1000000000000000000 mm - 2000000000000000000 mm	± 400000.00 mm	0	± 400000.00 mm	± 400000.00 mm	± 400000.00 mm	± 1'	
2000000000000000000 mm - 5000000000000000000 mm	± 500000.00 mm	0	± 500000.00 mm	± 500000.00 mm	± 500000.00 mm	± 1'	
5000000000000000000 mm - 10000000000000000000 mm	± 700000.00 mm	0	± 700000.00 mm	± 700000.00 mm	± 700000.00 mm	± 1'	
10000000000000000000 mm - 20000000000000000000 mm	± 1000000.00 mm	0	± 1000000.00 mm	± 1000000.00 mm	± 1000000.00 mm	± 1'	
20000000000000000000 mm - 50000000000000000000 mm	± 1500000.00 mm	0	± 1500000.00 mm	± 1500000.00 mm	± 1500000.00 mm	± 1'	
50000000000000000000 mm - 100000000000000000000 mm	± 2000000.00 mm	0	± 2000000.00 mm	± 2000000.00 mm	± 2000000.00 mm	± 1'	
100000000000000000000 mm - 200000000000000000000 mm	± 3000000.00 mm	0	± 3000000.00 mm	± 3000000.00 mm	± 3000000.00 mm	± 1'	
200000000000000000000 mm - 500000000000000000000 mm	± 4000000.00 mm	0	± 4000000.00 mm	± 4000000.00 mm	± 4000000.00 mm	± 1'	
500000000000000000000 mm - 1000000000000000000000 mm	± 5000000.00 mm	0	± 5000000.00 mm	± 5000000.00 mm	± 5000000.00 mm	± 1'	
1000000000000000000000 mm - 2000000000000000000000 mm	± 7000000.00 mm	0	± 7000000.00 mm	± 7000000.00 mm	± 7000000.00 mm	± 1'	
2000000000000000000000 mm - 5000000000000000000000 mm	± 10000000.00 mm	0	± 10000000.00 mm	± 10000000.00 mm	± 10000000.00 mm	± 1'	
5000000000000000000000 mm - 10000000000000000000000 mm	± 15000000.00 mm	0	± 15000000.00 mm	± 15000000.00 mm	± 15000000.00 mm	± 1'	
10000000000000000000000 mm - 20000000000000000000000 mm	± 20000000.00 mm	0	± 20000000.00 mm	± 20000000.00 mm	± 20000000.00 mm	± 1'	
20000000000000000000000 mm - 50000000000000000000000 mm	± 30000000.00 mm	0	± 30000000.00 mm	± 30000000.00 mm	± 30000000.00 mm	± 1'	
50000000000000000000000 mm - 100000000000000000000000 mm	± 40000000.00 mm	0	± 40000000.00 mm	± 40000000.00 mm	± 40000000.00 mm	± 1'	
100000000000000000000000 mm - 200000000000000000000000 mm	± 50000000.00 mm	0	± 50000000.00 mm	± 50000000.00 mm	± 50000000.00 mm	± 1'	
200000000000000000000000 mm - 500000000000000000000000 mm	± 70000000.00 mm	0	± 70000000.00 mm	± 70000000.00 mm	± 70000000.00 mm	± 1'	
500000000000000000000000 mm - 1000000000000000000000000 mm	± 100000000.00 mm	0	± 100000000.00 mm	± 100000000.00 mm	± 100000000.00 mm	± 1'	
1000000000000000000000000 mm - 2000000000000000000000000 mm	± 150000000.00 mm	0	± 150000000.00 mm	± 150000000.00 mm	± 150000000.00 mm	± 1'	
2000000000000000000000000 mm - 5000000000000000000000000 mm	± 200000000.00 mm	0	± 200000000.00 mm	± 200000000.00 mm	± 200000000.00 mm	± 1'	
5000000000000000000000000 mm - 10000000000000000000000000 mm	± 300000000.00 mm	0	± 300000000.00 mm	± 300000000.00 mm	± 300000000.00 mm	± 1'	
10000000000000000000000000 mm - 20000000000000000000000000 mm	± 400000000.00 mm	0	± 400000000.00 mm	± 400000000.00 mm	± 400000000.00 mm	± 1'	
20000000000000000000000000 mm - 50000000000000000000000000 mm	± 500000000.00 mm	0	± 500000000.00 mm	± 500000000.00 mm	± 500000000.00 mm	± 1'	
50000000000000000000000000 mm - 100000000000000000000000000 mm	± 700000000.00 mm	0	± 700000000.00 mm	± 700000000.00 mm	± 700000000.00 mm	± 1'	
100000000000000000000000000 mm - 200000000000000000000000000 mm	± 1000000000.00 mm	0	± 1000000000.00 mm	± 1000000000.00 mm	± 1000000000.00 mm	± 1'	
200000000000000000000000000 mm - 500000000000000000000000000 mm	± 1500000000.00 mm	0	± 1500000000.00 mm	± 1500000000.00 mm	± 1500000000.00 mm	± 1'	
500000000000000000000000000 mm - 1000000000000000000000000000 mm	± 2000000000.00 mm	0	± 2000000000.00 mm	± 2000000000.00 mm	± 2000000000.00 mm	± 1'	
1000000000000000000000000000 mm - 2000000000000000000000000000 mm	± 3000000000.00 mm	0	± 3000000000.00 mm	± 3000000000.00 mm	± 3000000000.00 mm	± 1'	
2000000000000000000000000000 mm - 5000000000000000000000000000 mm	± 4000000000.00 mm	0	± 4000000000.00 mm	± 4000000000.00 mm	± 4000000000.00 mm	± 1'	
5000000000000000000000000000 mm - 10000000000000000000000000000 mm	± 5000000000.00 mm	0	± 5000000000.00 mm	± 5000000000.00 mm	± 5000000000.00 mm	± 1'	
10000000000000000000000000000 mm - 20000000000000000000000000000 mm	± 7000000000.00 mm	0	± 7000000000.00 mm	± 7000000000.00 mm	± 7000000000.00 mm	± 1'	
20000000000000000000000000000 mm - 50000000000000000000000000000 mm	± 10000000000.00 mm	0	± 10000000000.00 mm	± 10000000000.00 mm	±		



1 2 3 4 5 6 7 8 9 10 11 12

GENSET 250KW GENERAL FEATURES WITH CHASSIS					
CAPACITY KW	MODEL	ALTERNATOR	WEIGHT WITH/OUT DIESEL	FUEL CONSUMPTION WITH LOAD	
250	JOHN DEERE ENGINE 6081HF001	STAMFORD MODEL UCDD274K	2398	Lts / hr. AND ENGINE POWER: 75%	100%
				45.2	63.1



NOTE: DIMENSIONS IN [ ] ARE INCH

APPLICANT STANDARD	REVIEW
NUM	

DESCRIPTION	REVIEW NUMBER OF CHANGE	DATE	REVIEW
LIST OF REVISIONS			

250 KW  
6081/UC  
SERIES JD  
ITEM II

MATERIAL	NA	PART NUMBER/WEIGHT (kg)	NA	FINISH	NA	NOT FINISH	NA
STANDARD TOLERANCES OF NOT SPECIFY OTHER							
MANUFACTURING NOT TOLERANCE	TOLERANCE	DECIMAL	MANUFACTURING TOLERANCE	LINEAR	DIMETER	ANGULAR	
RANGE							
0 mm - 200 mm	± 0.10 mm	0	± 0.25	± 0.10	± 0.10	No. 1/8	1/8
200 mm - 500 mm	± 0.15 mm	0	± 0.30	± 0.15	± 0.15	No. 1/4	1/4
500 mm - 1000 mm	± 0.20 mm	0	± 0.40	± 0.20	± 0.20	No. 3/8	3/8
1000 mm - 2000 mm	± 0.30 mm	0	± 0.50	± 0.30	± 0.30	No. 1/2	1/2
2000 mm - 10000 mm	± 0.50 mm	0	± 0.80	± 0.50	± 0.50	No. 3/4	3/4
10000 mm - 20000 mm	± 0.80 mm	0	± 1.20	± 0.80	± 0.80	No. 1	1
20000 mm - 100000 mm	± 1.20 mm	0	± 1.80	± 1.20	± 1.20	No. 1 1/2	1 1/2
100000 mm - 200000 mm	± 1.80 mm	0	± 2.50	± 1.80	± 1.80	No. 2	2
200000 mm - 1000000 mm	± 2.50 mm	0	± 3.50	± 2.50	± 2.50	No. 3	3
1000000 mm - 2000000 mm	± 3.50 mm	0	± 5.00	± 3.50	± 3.50	No. 4	4
2000000 mm - 10000000 mm	± 5.00 mm	0	± 7.00	± 5.00	± 5.00	No. 5	5
10000000 mm - 20000000 mm	± 7.00 mm	0	± 10.00	± 7.00	± 7.00	No. 6	6
20000000 mm - 100000000 mm	± 10.00 mm	0	± 14.00	± 10.00	± 10.00	No. 7	7
100000000 mm - 200000000 mm	± 14.00 mm	0	± 20.00	± 14.00	± 14.00	No. 8	8
200000000 mm - 1000000000 mm	± 20.00 mm	0	± 28.00	± 20.00	± 20.00	No. 9	9
1000000000 mm - 2000000000 mm	± 28.00 mm	0	± 38.00	± 28.00	± 28.00	No. 10	10
2000000000 mm - 10000000000 mm	± 38.00 mm	0	± 50.00	± 38.00	± 38.00	No. 11	11
10000000000 mm - 20000000000 mm	± 50.00 mm	0	± 68.00	± 50.00	± 50.00	No. 12	12
20000000000 mm - 100000000000 mm	± 68.00 mm	0	± 90.00	± 68.00	± 68.00	No. 13	13
100000000000 mm - 200000000000 mm	± 90.00 mm	0	± 120.00	± 90.00	± 90.00	No. 14	14
200000000000 mm - 1000000000000 mm	± 120.00 mm	0	± 160.00	± 120.00	± 120.00	No. 15	15
1000000000000 mm - 2000000000000 mm	± 160.00 mm	0	± 210.00	± 160.00	± 160.00	No. 16	16
2000000000000 mm - 10000000000000 mm	± 210.00 mm	0	± 280.00	± 210.00	± 210.00	No. 17	17
10000000000000 mm - 20000000000000 mm	± 280.00 mm	0	± 360.00	± 280.00	± 280.00	No. 18	18
20000000000000 mm - 100000000000000 mm	± 360.00 mm	0	± 480.00	± 360.00	± 360.00	No. 19	19
100000000000000 mm - 200000000000000 mm	± 480.00 mm	0	± 630.00	± 480.00	± 480.00	No. 20	20
200000000000000 mm - 1000000000000000 mm	± 630.00 mm	0	± 840.00	± 630.00	± 630.00	No. 21	21
1000000000000000 mm - 2000000000000000 mm	± 840.00 mm	0	± 1100.00	± 840.00	± 840.00	No. 22	22
2000000000000000 mm - 10000000000000000 mm	± 1100.00 mm	0	± 1450.00	± 1100.00	± 1100.00	No. 23	23
10000000000000000 mm - 20000000000000000 mm	± 1450.00 mm	0	± 1900.00	± 1450.00	± 1450.00	No. 24	24
20000000000000000 mm - 100000000000000000 mm	± 1900.00 mm	0	± 2500.00	± 1900.00	± 1900.00	No. 25	25
100000000000000000 mm - 200000000000000000 mm	± 2500.00 mm	0	± 3300.00	± 2500.00	± 2500.00	No. 26	26
200000000000000000 mm - 1000000000000000000 mm	± 3300.00 mm	0	± 4300.00	± 3300.00	± 3300.00	No. 27	27
1000000000000000000 mm - 2000000000000000000 mm	± 4300.00 mm	0	± 5600.00	± 4300.00	± 4300.00	No. 28	28
2000000000000000000 mm - 10000000000000000000 mm	± 5600.00 mm	0	± 7300.00	± 5600.00	± 5600.00	No. 29	29
10000000000000000000 mm - 20000000000000000000 mm	± 7300.00 mm	0	± 9500.00	± 7300.00	± 7300.00	No. 30	30
20000000000000000000 mm - 100000000000000000000 mm	± 9500.00 mm	0	± 12500.00	± 9500.00	± 9500.00	No. 31	31
100000000000000000000 mm - 200000000000000000000 mm	± 12500.00 mm	0	± 16500.00	± 12500.00	± 12500.00	No. 32	32
200000000000000000000 mm - 1000000000000000000000 mm	± 16500.00 mm	0	± 21500.00	± 16500.00	± 16500.00	No. 33	33
1000000000000000000000 mm - 2000000000000000000000 mm	± 21500.00 mm	0	± 28000.00	± 21500.00	± 21500.00	No. 34	34
2000000000000000000000 mm - 10000000000000000000000 mm	± 28000.00 mm	0	± 36500.00	± 28000.00	± 28000.00	No. 35	35
10000000000000000000000 mm - 20000000000000000000000 mm	± 36500.00 mm	0	± 47500.00	± 36500.00	± 36500.00	No. 36	36
20000000000000000000000 mm - 100000000000000000000000 mm	± 47500.00 mm	0	± 62000.00	± 47500.00	± 47500.00	No. 37	37
100000000000000000000000 mm - 200000000000000000000000 mm	± 62000.00 mm	0	± 81500.00	± 62000.00	± 62000.00	No. 38	38
200000000000000000000000 mm - 1000000000000000000000000 mm	± 81500.00 mm	0	± 106500.00	± 81500.00	± 81500.00	No. 39	39
1000000000000000000000000 mm - 2000000000000000000000000 mm	± 106500.00 mm	0	± 139000.00	± 106500.00	± 106500.00	No. 40	40
2000000000000000000000000 mm - 10000000000000000000000000 mm	± 139000.00 mm	0	± 181500.00	± 139000.00	± 139000.00	No. 41	41
10000000000000000000000000 mm - 20000000000000000000000000 mm	± 181500.00 mm	0	± 237500.00	± 181500.00	± 181500.00	No. 42	42
20000000000000000000000000 mm - 100000000000000000000000000 mm	± 237500.00 mm	0	± 309500.00	± 237500.00	± 237500.00	No. 43	43
100000000000000000000000000 mm - 200000000000000000000000000 mm	± 309500.00 mm	0	± 401500.00	± 309500.00	± 309500.00	No. 44	44
200000000000000000000000000 mm - 1000000000000000000000000000 mm	± 401500.00 mm	0	± 525000.00	± 401500.00	± 401500.00	No. 45	45
1000000000000000000000000000 mm - 2000000000000000000000000000 mm	± 525000.00 mm	0	± 687500.00	± 525000.00	± 525000.00	No. 46	46
2000000000000000000000000000 mm - 10000000000000000000000000000 mm	± 687500.00 mm	0	± 900000.00	± 687500.00	± 687500.00	No. 47	47
10000000000000000000000000000 mm - 20000000000000000000000000000 mm	± 900000.00 mm	0	± 1175000.00	± 900000.00	± 900000.00	No. 48	48
20000000000000000000000000000 mm - 100000000000000000000000000000 mm	± 1175000.00 mm	0	± 1535000.00	± 1175000.00	± 1175000.00	No. 49	49
100000000000000000000000000000 mm - 200000000000000000000000000000 mm	± 1535000.00 mm	0	± 1990000.00	± 1535000.00	± 1535000.00	No. 50	50

FD-GI-01-02 REV.01  COPY CONTROLLED  COPY NOT CONTROLLED  OBSOLETE DATE: .....