



① Tolerances According to NEMA Std.
 ② All these dimensions corresponding to assemblies and castings shall have a tolerance as per DIN standard 1686-GTB-19.

① $\emptyset 0.34$ [8.7]
 1/4"-20NC Tapped Hole for Grounding both sides of Frame.

CUSTOMER			
PH	FRAME	TYPE	HP
PH	PH	PH	PH
PH	PH	PH	PH

Quantity		Drawing No.		Material		Weight	
04 03 02 01		Norm No.		Item No.		Lbs.	
To 18		European Projection		Part's and Measure		Scale	
Over 18 to 30		Dimensions in inches		Modific.		W/O	
Over 30 to 50		Drawn		Name		NEMA	
Over 50 to 80		Checked		Date		Type	
Over 80 to 120		Std. Ckd.		04/01/06		SD100 IEEET 143/145T FRAME	
Over 120 to 180		Name		L. ZERBENO		3MSE 220 0845	
Over 180 to 250		Checked		Date		Ref.	
Over 250 to 315		Std. Ckd.		04/01/06		Replace.	
Over 315 to 400		Name		L. ZERBENO		Ref.	
Over 400 to 500		Checked		Date		Ref.	
Over 500 to 630		Std. Ckd.		04/01/06		Ref.	
Over 630 to 800		Name		L. ZERBENO		Ref.	
Over 800 to 1000		Checked		Date		Ref.	
Over 1000 to 1250		Std. Ckd.		04/01/06		Ref.	
Over 1250 to 1500		Name		L. ZERBENO		Ref.	
Over 1500 to 2000		Checked		Date		Ref.	
Over 2000 to 2500		Std. Ckd.		04/01/06		Ref.	
Over 2500 to 3150		Name		L. ZERBENO		Ref.	
Over 3150 to 4000		Checked		Date		Ref.	
Over 4000 to 5000		Std. Ckd.		04/01/06		Ref.	
Over 5000 to 6300		Name		L. ZERBENO		Ref.	
Over 6300 to 8000		Checked		Date		Ref.	
Over 8000 to 10000		Std. Ckd.		04/01/06		Ref.	
Over 10000 to 12500		Name		L. ZERBENO		Ref.	
Over 12500 to 15000		Checked		Date		Ref.	
Over 15000 to 20000		Std. Ckd.		04/01/06		Ref.	
Over 20000 to 25000		Name		L. ZERBENO		Ref.	
Over 25000 to 31500		Checked		Date		Ref.	
Over 31500 to 40000		Std. Ckd.		04/01/06		Ref.	
Over 40000 to 50000		Name		L. ZERBENO		Ref.	
Over 50000 to 63000		Checked		Date		Ref.	
Over 63000 to 80000		Std. Ckd.		04/01/06		Ref.	
Over 80000 to 100000		Name		L. ZERBENO		Ref.	
Over 100000 to 125000		Checked		Date		Ref.	
Over 125000 to 150000		Std. Ckd.		04/01/06		Ref.	
Over 150000 to 200000		Name		L. ZERBENO		Ref.	
Over 200000 to 250000		Checked		Date		Ref.	
Over 250000 to 315000		Std. Ckd.		04/01/06		Ref.	
Over 315000 to 400000		Name		L. ZERBENO		Ref.	
Over 400000 to 500000		Checked		Date		Ref.	
Over 500000 to 630000		Std. Ckd.		04/01/06		Ref.	
Over 630000 to 800000		Name		L. ZERBENO		Ref.	
Over 800000 to 1000000		Checked		Date		Ref.	
Over 1000000 to 1250000		Std. Ckd.		04/01/06		Ref.	
Over 1250000 to 1500000		Name		L. ZERBENO		Ref.	
Over 1500000 to 2000000		Checked		Date		Ref.	
Over 2000000 to 2500000		Std. Ckd.		04/01/06		Ref.	
Over 2500000 to 3150000		Name		L. ZERBENO		Ref.	
Over 3150000 to 4000000		Checked		Date		Ref.	
Over 4000000 to 5000000		Std. Ckd.		04/01/06		Ref.	
Over 5000000 to 6300000		Name		L. ZERBENO		Ref.	
Over 6300000 to 8000000		Checked		Date		Ref.	
Over 8000000 to 10000000		Std. Ckd.		04/01/06		Ref.	
Over 10000000 to 12500000		Name		L. ZERBENO		Ref.	
Over 12500000 to 15000000		Checked		Date		Ref.	
Over 15000000 to 20000000		Std. Ckd.		04/01/06		Ref.	
Over 20000000 to 25000000		Name		L. ZERBENO		Ref.	
Over 25000000 to 31500000		Checked		Date		Ref.	
Over 31500000 to 40000000		Std. Ckd.		04/01/06		Ref.	
Over 40000000 to 50000000		Name		L. ZERBENO		Ref.	
Over 50000000 to 63000000		Checked		Date		Ref.	
Over 63000000 to 80000000		Std. Ckd.		04/01/06		Ref.	
Over 80000000 to 100000000		Name		L. ZERBENO		Ref.	
Over 100000000 to 125000000		Checked		Date		Ref.	
Over 125000000 to 150000000		Std. Ckd.		04/01/06		Ref.	
Over 150000000 to 200000000		Name		L. ZERBENO		Ref.	
Over 200000000 to 250000000		Checked		Date		Ref.	
Over 250000000 to 315000000		Std. Ckd.		04/01/06		Ref.	
Over 315000000 to 400000000		Name		L. ZERBENO		Ref.	
Over 400000000 to 500000000		Checked		Date		Ref.	
Over 500000000 to 630000000		Std. Ckd.		04/01/06		Ref.	
Over 630000000 to 800000000		Name		L. ZERBENO		Ref.	
Over 800000000 to 1000000000		Checked		Date		Ref.	
Over 1000000000 to 1250000000		Std. Ckd.		04/01/06		Ref.	
Over 1250000000 to 1500000000		Name		L. ZERBENO		Ref.	
Over 1500000000 to 2000000000		Checked		Date		Ref.	
Over 2000000000 to 2500000000		Std. Ckd.		04/01/06		Ref.	
Over 2500000000 to 3150000000		Name		L. ZERBENO		Ref.	
Over 3150000000 to 4000000000		Checked		Date		Ref.	
Over 4000000000 to 5000000000		Std. Ckd.		04/01/06		Ref.	
Over 5000000000 to 6300000000		Name		L. ZERBENO		Ref.	
Over 6300000000 to 8000000000		Checked		Date		Ref.	
Over 8000000000 to 10000000000		Std. Ckd.		04/01/06		Ref.	
Over 10000000000 to 12500000000		Name		L. ZERBENO		Ref.	
Over 12500000000 to 15000000000		Checked		Date		Ref.	
Over 15000000000 to 20000000000		Std. Ckd.		04/01/06		Ref.	
Over 20000000000 to 25000000000		Name		L. ZERBENO		Ref.	
Over 25000000000 to 31500000000		Checked		Date		Ref.	
Over 31500000000 to 40000000000		Std. Ckd.		04/01/06		Ref.	
Over 40000000000 to 50000000000		Name		L. ZERBENO		Ref.	
Over 50000000000 to 63000000000		Checked		Date		Ref.	
Over 63000000000 to 80000000000		Std. Ckd.		04/01/06		Ref.	
Over 80000000000 to 100000000000		Name		L. ZERBENO		Ref.	
Over 100000000000 to 125000000000		Checked		Date		Ref.	
Over 125000000000 to 150000000000		Std. Ckd.		04/01/06		Ref.	
Over 150000000000 to 200000000000		Name		L. ZERBENO		Ref.	
Over 200000000000 to 250000000000		Checked		Date		Ref.	
Over 250000000000 to 315000000000		Std. Ckd.		04/01/06		Ref.	
Over 315000000000 to 400000000000		Name		L. ZERBENO		Ref.	
Over 400000000000 to 500000000000		Checked		Date		Ref.	
Over 500000000000 to 630000000000		Std. Ckd.		04/01/06		Ref.	
Over 630000000000 to 800000000000		Name		L. ZERBENO		Ref.	
Over 800000000000 to 1000000000000		Checked		Date		Ref.	
Over 1000000000000 to 1250000000000		Std. Ckd.		04/01/06		Ref.	
Over 1250000000000 to 1500000000000		Name		L. ZERBENO		Ref.	
Over 1500000000000 to 2000000000000		Checked		Date		Ref.	
Over 2000000000000 to 2500000000000		Std. Ckd.		04/01/06		Ref.	
Over 2500000000000 to 3150000000000		Name		L. ZERBENO		Ref.	
Over 3150000000000 to 4000000000000		Checked		Date		Ref.	
Over 4000000000000 to 5000000000000		Std. Ckd.		04/01/06		Ref.	
Over 5000000000000 to 6300000000000		Name		L. ZERBENO		Ref.	
Over 6300000000000 to 8000000000000		Checked		Date		Ref.	
Over 8000000000000 to 10000000000000		Std. Ckd.		04/01/06		Ref.	
Over 10000000000000 to 12500000000000		Name		L. ZERBENO		Ref.	
Over 12500000000000 to 15000000000000		Checked		Date		Ref.	
Over 15000000000000 to 20000000000000		Std. Ckd.		04/01/06		Ref.	
Over 20000000000000 to 25000000000000		Name		L. ZERBENO		Ref.	
Over 25000000000000 to 31500000000000		Checked		Date		Ref.	
Over 31500000000000 to 40000000000000		Std. Ckd.		04/01/06		Ref.	
Over 40000000000000 to 50000000000000		Name		L. ZERBENO		Ref.	
Over 50000000000000 to 63000000000000		Checked		Date		Ref.	
Over 63000000000000 to 80000000000000		Std. Ckd.		04/01/06		Ref.	
Over 80000000000000 to 100000000000000		Name		L. ZERBENO		Ref.	
Over 100000000000000 to 125000000000000		Checked		Date		Ref.	
Over 125000000000000 to 150000000000000		Std. Ckd.		04/01/06		Ref.	
Over 150000000000000 to 200000000000000		Name		L. ZERBENO		Ref.	
Over 200000000000000 to 250000000000000		Checked		Date		Ref.	
Over 250000000000000 to 315000000000000		Std. Ckd.		04/01/06		Ref.	
Over 315000000000000 to 400000000000000		Name		L. ZERBENO		Ref.	
Over 400000000000000 to 500000000000000		Checked		Date		Ref.	
Over 500000000000000 to 630000000000000		Std. Ckd.		04/01/06		Ref.	
Over 630000000000000 to 800000000000000		Name		L. ZERBENO		Ref.	
Over 800000000000000 to 1000000000000000		Checked		Date		Ref.	
Over 1000000000000000 to 1250000000000000		Std. Ckd.		04/01/06		Ref.	
Over 1250000000000000 to 1500000000000000		Name		L. ZERBENO		Ref.	
Over 1500000000000000 to 2000000000000000		Checked		Date		Ref.	
Over 2000000000000000 to 2500000000000000		Std. Ckd.		04/01/06		Ref.	
Over 2500000000000000 to 3150000000000000		Name		L. ZERBENO		Ref.	
Over 3150000000000000 to 4000000000000000		Checked		Date		Ref.	
Over 4000000000000000 to 5000000000000000		Std. Ckd.		04/01/06		Ref.	
Over 5000000000000000 to 6300000000000000		Name		L. ZERBENO		Ref.	
Over 6300000000000000 to 8000000000000000		Checked		Date		Ref.	
Over 8000000000000000 to 10000000000000000		Std. Ckd.		04/01/06		Ref.	
Over 10000000000000000 to 12500000000000000		Name		L. ZERBENO		Ref.	
Over 12500000000000000 to 15000000000000000		Checked		Date		Ref.	
Over 15000000000000000 to 20000000000000000		Std. Ckd.		04/01/06		Ref.	
Over 20000000000000000 to 25000000000000000		Name		L. ZERBENO		Ref.	
Over 25000000000000000 to 31500000000000000		Checked		Date		Ref.	
Over 31500000000000000 to 40000000000000000		Std. Ckd.		04/01/06		Ref.	
Over 40000000000000000 to 50000000000000000		Name		L. ZERBENO		Ref.	
Over 50000000000000000 to 63000000000000000		Checked		Date		Ref.	
Over 63000000000000000 to 80000000000000000		Std. Ckd.		04/01/06		Ref.	
Over 80000000000000000 to 100000000000000000		Name		L. ZERBENO		Ref.	
Over 100000000000000000 to 125000000000000000		Checked		Date		Ref.	
Over 125000000000000000 to 150000000000000000		Std. Ckd.		04/01/06		Ref.	
Over 150000000000000000 to 200000000000000000		Name		L. ZERBENO		Ref.	
Over 200000000000000000 to							