THE CUSTOMER IS RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE FOUNDATION. IT SHALL BE SUITABLE TO WITHSTAND SHORT CIRCUIT FORCES. TO AVOID RESONANCE VIBRATIONS THE FOUNDATION SHALL BE DESIGNED SO THAT THE NATURAL FREQUENCY OF FOUNDATION TOGETHER WITH MACHINE IS NOT WITHIN ±2% OF RUNNING SPEED FREQUENCY. THE CUSTOMER IS ALSO RESPONSIBLE FOR LATERAL AND TORSIONAL CRITICAL SPEED ANALYSIS OF THE COMPLETE INSTALLATION.