

ISO 2528-3 :2005-07 (E)

Reciprocating internal combustion engine driven alternating current generating sets_ - Part_3: Alternating current generators for generating sets

Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Symbols, terms and definitions	2
4 Other requirements and additional regulations	6
5 Rating.....	6
5.1 General.....	6
5.2 Basic continuous rating (BR)	6
5.3 Peak continuous rating (PR).....	6
6 Limits of temperature and temperature rise	7
6.1 Basic continuous rating.....	7
6.2 Peak continuous rating	7
7 Rated power and speed characteristics	7
8 Voltage characteristics.....	7
9 Parallel operation.....	7
10 Special load conditions.....	8
10.1 General.....	8
10.2 Unbalanced load current.....	8
10.3 Sustained short-circuit current	8
10.4 Occasional excess current capability.....	8
10.5 Telephone Harmonic Factor (THF).....	8
10.6 Radio interference suppression (F)	9
11 Effect of electromechanical frequency of vibrations when sets operate in parallel	9
12 Asynchronous generators with excitation equipment.....	9
12.1 General.....	9
12.2 Sustained short-circuit current	9
12.3 Range of voltage setting	9
12.4 Parallel operation.....	9
13 Operating limit values	10
14 Rating plate	10
Annex A (normative) Transient voltage characteristic of an a.c. generator following a sudden change in load.....	11