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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 25718-2010

Electro hydraulic forging hammer - Type and basic parameter

电液锤 型式与基本参数

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Foreword

The standard proposed by China Machinery Industry Federation. This standard by the National Forging Machinery Standardization Technical Committee (SAC/TC220) centralized. This standard was drafted. Anyang Forging Machinery Industry Co., Ltd., Jinan Foundry and Metalforming Machinery Research Institute, Shenzhen City, measuring Detection limited the company. The main drafters of this standard. Liu Xian, Ma Liqiang, Han Wenqing Guo Bing, Lu Xinli, Zhang Xin, Zhao, Zhu Ping. Electro-hydraulic hammer types and basic parameters

1 Scope

GB/T 25718-2010 is the Chinese national standard on electro hydraulic forging hammer - type and basic parameter, in the field of manufacturing engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 23 December 2010 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 July 2011.

Classification: ICS 25.120.10, CCS J62. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the types and basic parameters of electro-hydraulic hammer. This standard is applicable to the anvil type, gas-liquid-driven and hydraulically driven electro-hydraulic hammer.

2 Terms and definitions

The following terms and definitions apply to this standard.

2.1 Double-arm free forging electro-hydraulic hammer

doublearmelectrohydraulicopendieforginghammer Column structure body is about two middle column tension bars have to link the hammer rail are mounted around the upper part of the column free forging Electro-hydraulic hammer.

2.1.1 Blow frequency hitnumber Maximum stroke against the continuous hammering energy to reach the nominal frequency of the energy of the blow.

2.2 Single arm free forging electro-hydraulic hammer

singleelectrohydraulicopendieforginghammer Single column fuselage structure, hammer rail bracket with a single column or as one single column connected by other means free forging electric Liquid hammer.

2.3 Bridge free forging electro-hydraulic hammer

bridgetypeelectrohydraulicopendieforginghammer Body by the left and right columns, beams, a combination of left and right bracket closed structure. Lower part of the left and right columns, beams will be around the middle of the stand Column to link the upper part of the left and right brackets, rails were installed hammer serves as a guide around the stent in the left and right bracket and beam connected from The electro-hydraulic forging hammer.

2.4 Forging electro-hydraulic hammer electrohydraulicclosedieforginghammer Body is a combination of left and right columns, beams, or other anvil member from the closed structure, hammer rails are mounted on the left and right columns The electro-hydraulic hammer.

2.4.1 The number of strikes and continuous time continuoushitnumberandtime At maximum stroke, blow energy to reach the nominal number of strikes in a row against the energy and the time spent.

2.4.2 The average hit frequency frequencyhitnumber At maximum stroke, fight against energy to reach the nominal energy, intermittent strike achievable frequency.

2.5 CNC forging electro-hydraulic hammer

numericalcontrolhydraulicclosedieforginghammer With CNC control system can precisely control the striking energy of electro-hydraulic forging hammer.