



SIS - Standardiseringskommissionen i Sverige

Handläggande organ

SIS - IKH, Kran- och Hisstandardiseringen

SVENSK STANDARD **SS-ISO 2374**

Fastställt

1994-02-11

Utgåva

1

Sida

1 (1 + 1)

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Lyftkranar — Normserie för lyftkrafter

Lifting appliances — Range of maximum capacities for basic models

Den internationella standarden ISO 2374:1983 gäller som svensk standard.

I detta dokument återges den officiella engelska versionen av ISO 2374:1983.

Lifting appliances — Range of maximum capacities for basic models

1 Scope and field of application

This International Standard sets forth the recommended range of maximum capacities of cranes from 0,1 to 1 000 t.

This International Standard applies to all types of cranes.

2 Definitions

For the purpose of this International Standard, the following definitions apply.

2.1 maximum capacity; safe working load: The maximum load to be suspended from the lifting appliance as defined for the particular types of cranes and for the specified conditions with regard to the group classification.

For jib-type appliances, the maximum capacity is taken at minimum permissible jib length and radius for the working configuration.

NOTE — Maximum capacity has many synonyms such as safe working load, lifting capacity; however, maximum capacity is preferred.

2.2 basic model: The main version on the basis of which further versions (modifications) of lifting appliances can be developed, differing in length of jib and/or tower, type of running gear, rope fall or reeving system, etc., whose maximum capacity is determined by the design calculation.

3 Range of maximum capacities for basic models

The range of maximum capacities should conform to that listed in the following table.

Table — Maximum capacities for basic models

Values in tonnes

0,1	1	10	100	1 000
—	—	(11,2)	(112)	
0,125	1,25	12,5	125	
—	—	(14)	(140)	
0,16	1,6	16	160	
—	—	(18)	(180)	
0,2	2	20	200	
—	—	(22,5)	(225)	
0,25	2,5	25	250	
—	—	(28)	(280)	
0,32	3,2	32	320	
—	—	(36)	(360)	
0,4	4	40	400	
—	—	(45)	(450)	
0,5	5	50	500	
—	—	(56)	(560)	
0,63	6,3	63	630	
—	—	(71)	(710)	
0,8	8	80	800	
—	—	(90)	(900)	

NOTE — Use of the values of maximum capacities shown in parentheses should be avoided.