JDN MONOCRANE

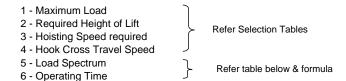


UNDERSTANDING DUTY

'Duty' is the term used to describe how hard a hoist works.

If a hoist lifts its Maximum Rated Capacity (MRC) all day every day, then it is logical that its construction needs to be heavier and stronger than if it only lifts its MRC once a year for example.

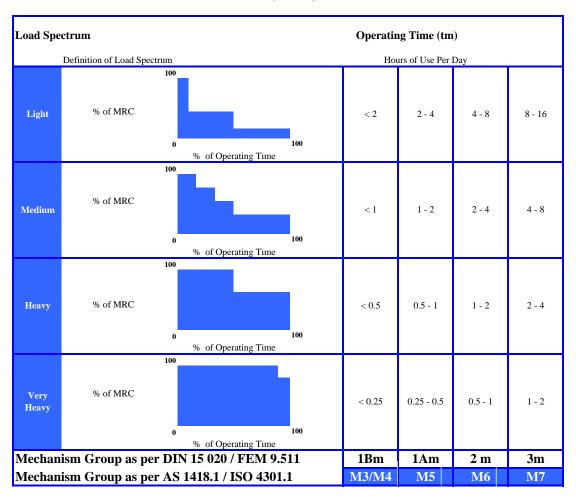
Factors that influence duty include:



So the more often a crane lifts its MRC, the higher or longer it lifts it, then the heavier or higher the duty needs to be.

Cranes are rated according to Capacity (MRC) and Duty so that we can provide the most economical and appropriate solution for you.

MECHANISM GROUP (DUTY) SELECTION TABLE



Daily Operating Time (tm) = $2 \times AHT \times CPh \times OT$ 60 x HS

AHT - Average Hook Travel (m)

CPh - Cycles per Hour

OT - Operating Time per Day (Hrs)

HS - Hoisting Speed (m/min)