



# KAPTAN

Çelik Halat Sanayi ve Ticaret A.Ş.



## CERTIFICATE FOR MOORING STEEL WIRE ROPE

This certificate is provided according to MEG4 and is based on steel wire rope main specifications ISO, API, EN standards

### General Informations

Ship Design MBL		Ton
Construction:	6XWS36+IWRC	
Nominal diameter:	30	mm
Length	250	m
Splice Type and Design	Both ends mechanical spliced with AL ferrules - 1.8 m eyes	

Purchaser:	
IMO No:	
Issue date:	
Class/Cert no:	
No Of Coil(s)	1
Coating:	Galvanized
Grade:	1960 N/mm <sup>2</sup>
Lay:	RHOL
Rotating:	Yes

### Performance Indicators

Diameter Tolerance(Off load)	+0.0 - 5.0 %	%
Minimum Breaking Load (LDBF)	64,1	Ton
Line Linear Density (LLD)	3,78	kg/m
Load Bearing Linear Density (LBLD)	3,71	kg/m
Line Tenacity (LT)	16,96	t / kg/m
Nominal Metallic Area	416,8	mm <sup>2</sup>
Elastic Modulus	100	kN/mm <sup>2</sup>
Axial Stiffness	42	MN

\*Further details refer to API RP2SK

### Angled Break Force(ABF)

D/d Ratio:5	D/d Ratio:10	D/d Ratio:15
51	54	58

\*Further details refer to EN12385-3

### Temperature(T) BF at 20°C

-40°C ~ 20°C	20°C	20°C ~ 100°C	100°C ~ 200°C
64	64	64	58

\*Further details refer to ISO12076

### Elastic stretch at weight%

MBL 10%	MBL 20%	MBL 30%	MBL 40%	MBL 50%
0,17%	0,34%	0,50%	0,67%	0,84%

excluding constructional stretch

SIGNATURE:

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