



# 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:	32	mm
Length	220	m
Splice Type and Design	Both ends mechanical spliced with AL ferrules - 2.0 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)	72,9	Ton
Line Linear Density (LLD)	4,30	kg/m
Load Bearing Linear Density (LBLD)	4,22	kg/m
Line Tenacity (LT)	16,95	t / kg/m
Nominal Metallic Area	474,3	mm <sup>2</sup>
Elastic Modulus	100	kN/mm <sup>2</sup>
Axial Stiffness	47	MN

\*Further details refer to API RP2SK

Angled Break Force(ABF)

D/d Ratio:5	D/d Ratio:10	D/d Ratio:15
58	62	66

\*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
73	73	73	66

\*Further details refer to ISO12076

Elastic stretch at weight%

MBL 10%	MBL 20%	MBL 30%	MBL 40%	MBL 50%
0,17%	0,33%	0,50%	0,67%	0,84%

excluding constructional stretch

SIGNATURE:

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