

...

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.()

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.()

.()

.()

()

.()

.()

.()

/ (kN/kW)

%

.()

)

(

/

4 . Motion resistance

-
- 1 .Traction device
 - 2 . Dynamic traction ratio
 - 3 . Tractive inefficiency

:

.()

.()

/

()

.()

()

.()

.()

l)

/

.()

(

.()

$$F_c = 276.235 + 0.01673(W) - 61.464(S)$$

(Fc)

()

(W)

(S)

.()

/ ns	/ ns	/ ns
/ **	/ **	**
/ **	/ **	**
/ **	/ **	/ **
/	/	/

()

%

$$F.C. = [V * W] / 10$$

%

()

V

W

% /

F.C.

()

)

%

(

MSTATC

... :

()

%

%

/

/

)

.(

%

%

% /

\bar{X}	(cm)	(cm)	(cm)	«
A	a	c	e	
B	b	d	e	
C	d	e	f	
A	B	C	\bar{X}	

.(%)

\bar{X}

.(%)

(% / % /)

()

()

()

/ /

% / % /
/ /

)

(

/ /
)

(

\bar{X}	(cm)	(cm)	(cm)	«
A	a	e	g	
B	b	d	f	
C	c	de	fg	
A	B	C	\bar{X}	

میانگین های با حروف کوچک غیر مشترک دارای اختلاف معنی دار می باشند. (دانکن ۱٪).

\bar{X}

(%)

\bar{X}	(cm)	(cm)	(cm)	«
B	d	c	abc	
B	d	abc	b	
A	bc	abc	a	
C	B	A	\bar{X}	

(%)

\bar{X}

(%)

/ /
(/)

()

()

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