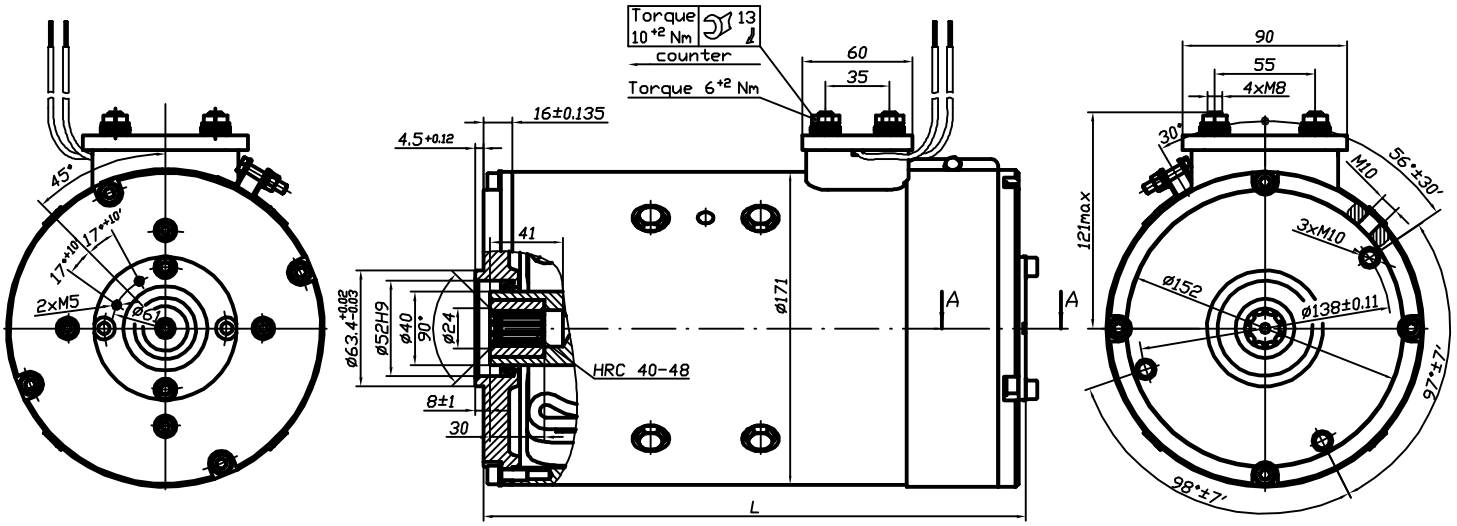
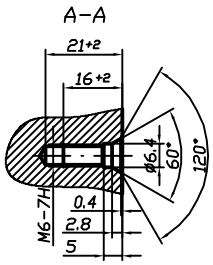
KD 33



SPLINE DETAIL

10 Teeth equally spaced
.1165/.1180 Wide
.640/.644 Inside diameter
.749/.751 Dutside
90° Pressure angle



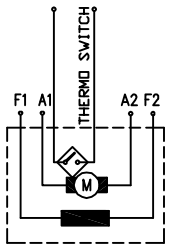


fig.1

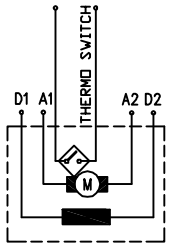


fig.2

(fig.1) Rotation (viewed from drive end)
CCW: F1 — ⊕ ; F2 — ⊖ | A1 — ⊖ ; A2 — ⊕
CW: F1 — ⊖ ; F2 — ⊕ | A1 — ⊕ ; A2 — ⊖

(fig.2) Rotation (viewed from drive end)
CCW: Connect A2 to D2; '+' to D1 and '-' to A1
CW: Connect A2 to D1; '+' to D2 and '-' to A1

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Rev.	
11.08.2006	
19.10.2006	
09.05.2008	
09.07.2009	
02.07.2010	

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KD 33

	ETH 2,1/3,6/32–01 0 27 23 2010	ET 2,1/3,6/32 0 27 23 2000	ET 2,1/4,8/32–02 0 27 33 2020	ETH 2,8/4,8/34–01 0 30 33 4010	ET 2,8/4,8/34 0 30 33 4000	ETH 3,3/4,8/40
rated power	2,1 kW	2,1 kW	2,1 kW	2,8 kW	2,8 kW	3,3 kW
rated voltage	36 V	36 V	48 V	48 V	48 V	48 V
rated current	68 A	69 A	53 A	67 A	67,5 A	80 A
rated speed	3200 min^{-1}	3200 min^{-1}	3200 min^{-1}	3400 min^{-1}	3400 min^{-1}	4000 min^{-1}
operation mode	S2-60min	S2-60min	S2-60min	S2-60min	S2-60min	S2-60min
excitation	indep.	series	series	indep.	series	indep.
protection	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44
insulation	F	F	F	F	F	F
weight	22,2 kg	22,6 kg	25,02 kg	24,8 kg	25 kg	29.4 kg
length L	236,5 mm	236,5 mm	251,5	251,5 mm	251,5 mm	296,5 mm
char. curve	N36D03	S36D06	S48D04	N48D05	S48D06	N48D24
rotation	REV	REV	REV	REV	REV	REV
conn.diag.	fig.1	fig.2	fig.2	fig.1	fig.2	fig.1

Rev.	
09.07.2009	
01.03.2010	

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