

The image shows a HMA Hertz motor, a compact industrial motor. It features a silver-colored aluminum housing with prominent cooling fins. A black output shaft with a keyway is visible at the front. A nameplate on the side provides technical details:

hertz®		CE
www.hertzmotor.com		3-Phase
Type	100	IP 54
Series	100	Class
100	100	Hz
100	100	Hz
100	100	Hz

The motor is shown against a plain white background.

PRODUCT CATALOGUE

PRODUCT CATALOGUE

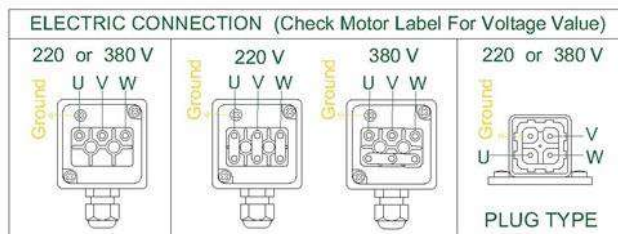
MANUAL TOOL CHANGE

H M A

TYPE	Power	Freq	Speed	Voltage	Amperes	Cos.	Pole
	(Kw)	(Hz)	(Rpm)	(V)	A	φ	P
HMA 55 (HMA 02)	0.22	200	12000	220	1.5	0.67	2
	0.27	300	18000	220	1.6	0.68	2
	0.27	400	24000	220	1.6	0.68	2
HMA 60 (HMA 12)	0.11	100	6000	220	0,7	0,65	2
	0,22	200	12000	220	1,5	0,67	2
	0,22	200	12000	220 / 380	1,5 / 0,87	0.67	2
	0,27	300	18000	220	1,9	0.70	2
	0,27	300	18000	220 / 380	1,9 / 1,1	0,70	2
	0,27	400	24000	220	1,9	0.70	2
	0.15	100	6000	220	1,05	0,65	2
	0.35	200	12000	220	2,0	0.70	2
HMA 70 (HMA 22)	0.35	200	12000	220/380	2,0 / 1,16	0.70	2
	0.45	300	18000	220	2.4	0.71	2
	0.45	300	18000	220/380	2,4 / 1,4	0.71	2
	0.45	400	24000	220	2.4	0.71	2
	0.45	400	24000	220/380	2,4 / 1,4	0.71	2
	0.22	100	6000	220	1.5	0.68	2
	0.37	200	12000	220	2,2	0.70	2
	0.37	200	12000	220/380	2,2 / 1,2	0.70	2
HMA 85 (HMA 32)	0.45	250	15000	220	2,5	0.70	2
	0.55	300	18000	220	3,2	0.71	2
	0.55	300	18000	220/380	3,2 / 1,8	0.71	2
	0,55	400	24000	220	3,2	0.71	2
	0,55	400	24000	220/380	3,2 / 1,8	0.71	2
	0,27	100	6000	220	1,6	0,67	2
	0.45	175	10500	220	2,3	0.70	2
	0.55	200	12000	220	2.6	0,71	2
HMA 95 (HMA 42)	0.55	200	12000	220/380	2.6 / 1,5	0,71	2
	0.60	250	15000	220	3.4	0,71	2
	0.75	300	18000	220	3.7	0,71	2
	0.75	300	18000	220/380	3,7 / 2.2	0,71	2
	0,75	400	24000	220	3,7	0,72	2
	0,75	400	24000	220/380	3,7 / 2,2	0,72	2
	0.37	100	6000	220	2.0	0,68	2
	0.75	200	12000	220	3.8	0,70	2
HMA 115 (HMA 52)	0.75	200	12000	220/380	3,8 / 2.2	0,70	2
	1.1	300	18000	220	5.1	0,71	2
	1.1	300	18000	220/380	5,1 / 3.0	0,71	2
	1.1	400	24000	220	5.1	0,72	2
	1.1	400	24000	220/380	5,1 / 3.0	0,72	2

[illegible]

LONG STEEL COVER (CKL) / DOUBLE BEARINGS (DB) or CERAMIC BEARINGS (CB) (optional)

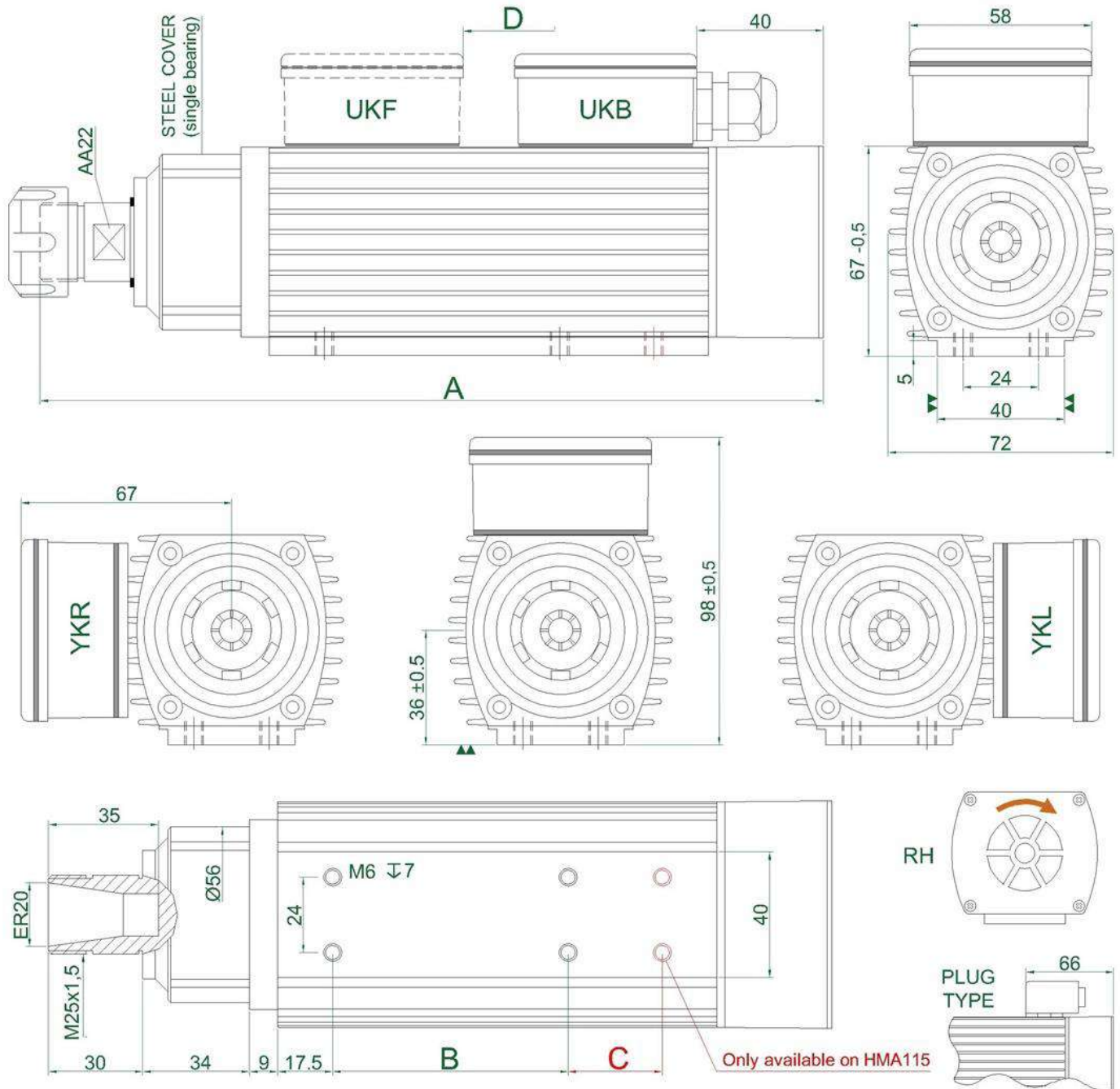


CKM-ER20S

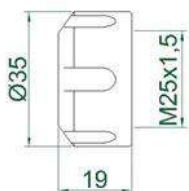


TYPE	A	B	C	D
HMA 55	205	60	-	70
HMA 60	210	60	-	75
HMA 70	220	75	-	85
HMA 85	235	75	-	110
HMA 95	250	75	-	115
HMA 115	270	75	30	135

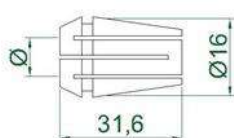
MEDIUM STEEL COVER (CKM) / SINGLE BEARING (SB)



ER20 S - NUT



ER20 - COLLET



min Ø 1 mm
max Ø13 mm

ELECTRIC CONNECTION (Check Motor Label For Voltage Value)

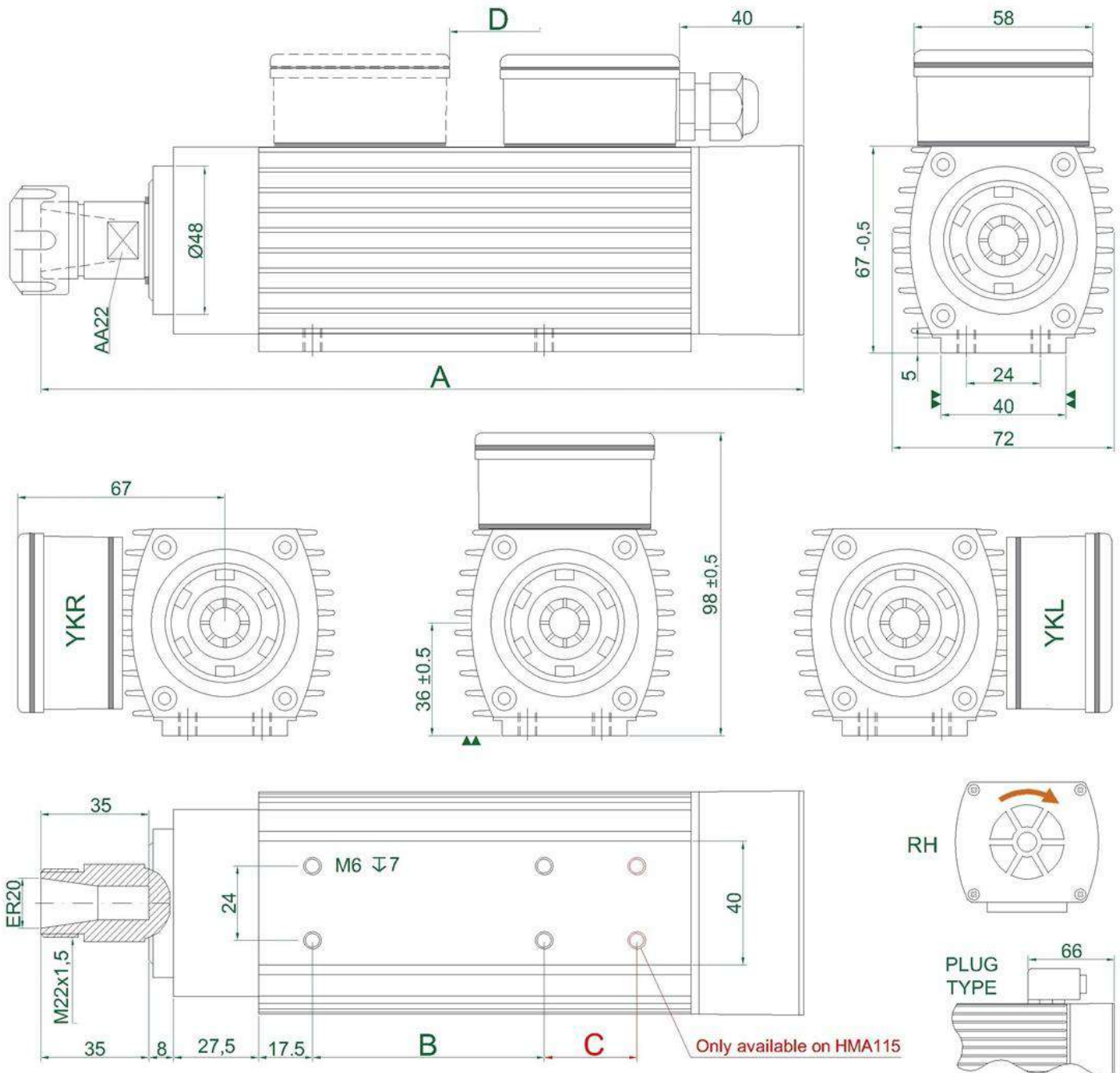
220 or 380 V	220 V	380 V	220 or 380 V
Ground U V W	Ground U V W	Ground U V W	Ground U V W
			PLUG TYPE

AK-ER20S

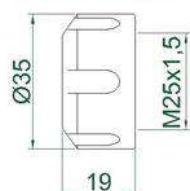
TYPE	A	B	C	D
HMA 55	202	60	-	70
HMA 60	207	60	-	75
HMA 70	217	75	-	85
HMA 85	232	75	-	110
HMA 95	247	75	-	115
HMA 115	267	75	30	135



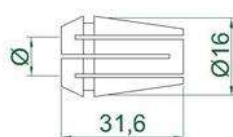
ALUMINUM COVER (AK) / SINGLE BEARING (SB)



ER20 S - NUT



ER20 - COLLET



min $\text{Ø} 1 \text{ mm}$
max $\text{Ø} 13 \text{ mm}$

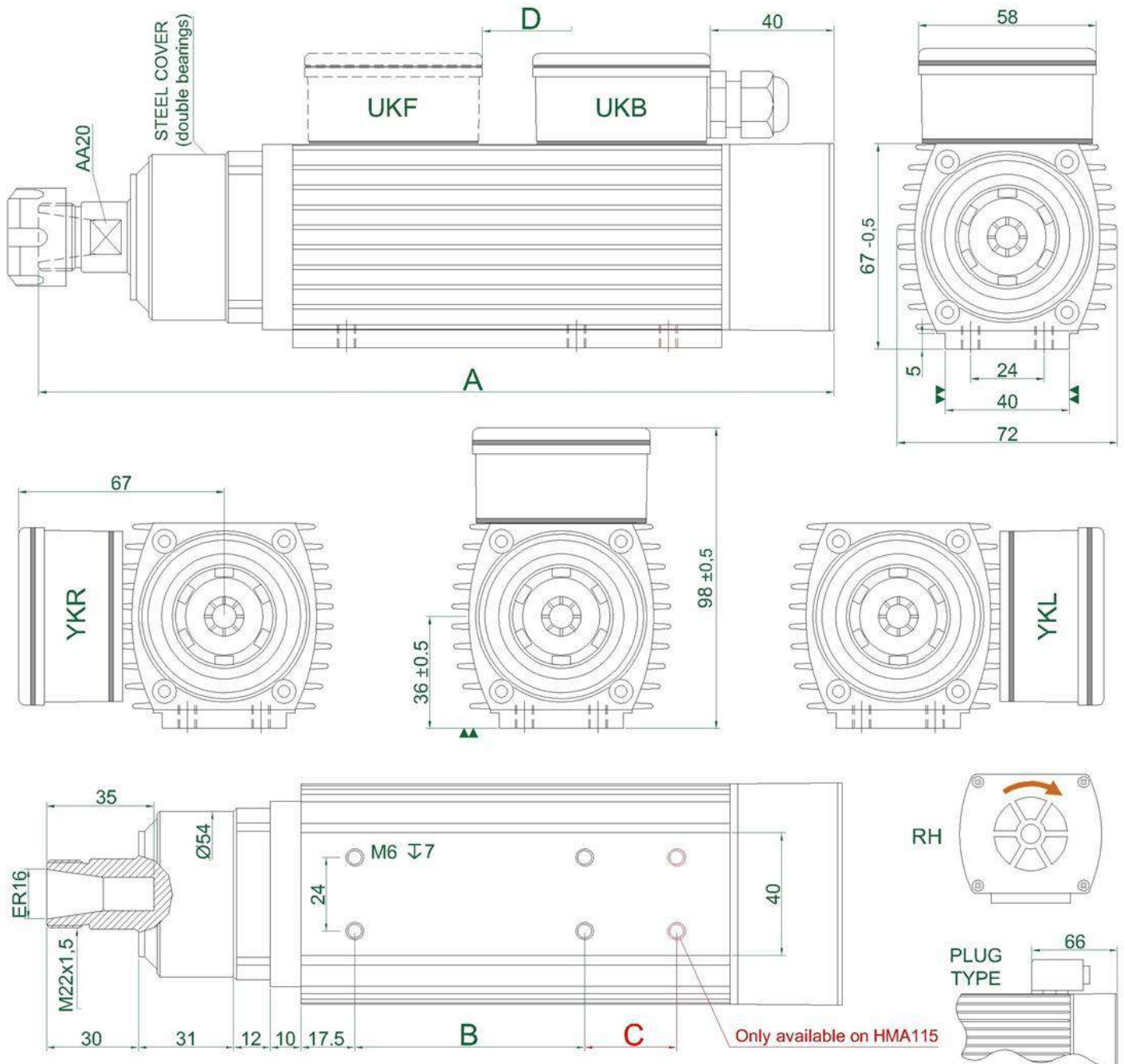
ELECTRIC CONNECTION (Check Motor Label For Voltage Value)			
220 or 380 V	220 V	380 V	220 or 380 V
Ground	Ground	Ground	Ground
U V W	U V W	U V W	U V W
PLUG TYPE			

CKL-ER16S

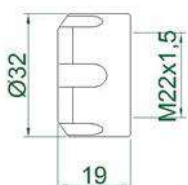
TYPE	A	B	C	D
HMA 55	215	60	-	70
HMA 60	220	60	-	75
HMA 70	230	75	-	85
HMA 85	245	75	-	110
HMA 95	260	75	-	115
HMA 115	280	75	30	135



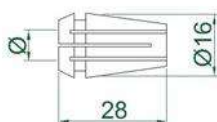
LONG STEEL COVER (CKL) / DOUBLE BEARINGS (DB) or CERAMIC BEARINGS (CB) (optional)



ER16 S - NUT

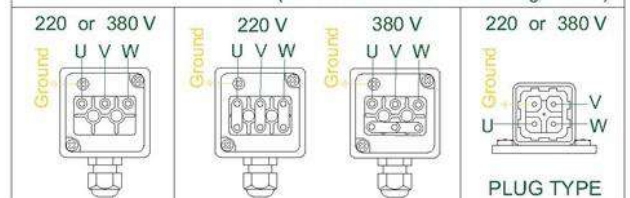


ER16 - COLLET

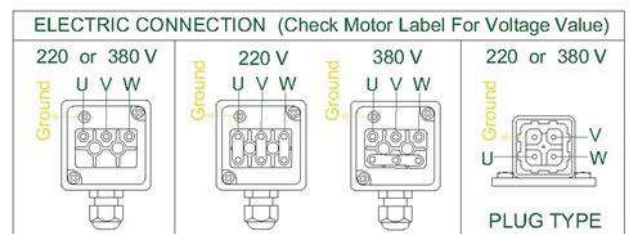


min Ø 1 mm
max Ø10 mm

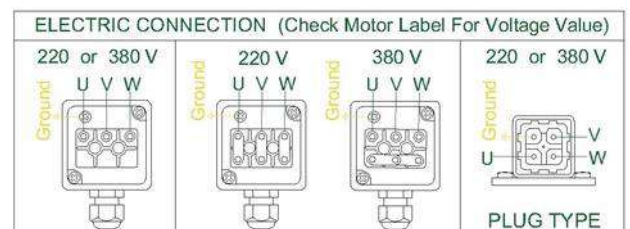
ELECTRIC CONNECTION (Check Motor Label For Voltage Value)



MEDIUM STEEL COVER (CKM) / SINGLE BEARING (SB)



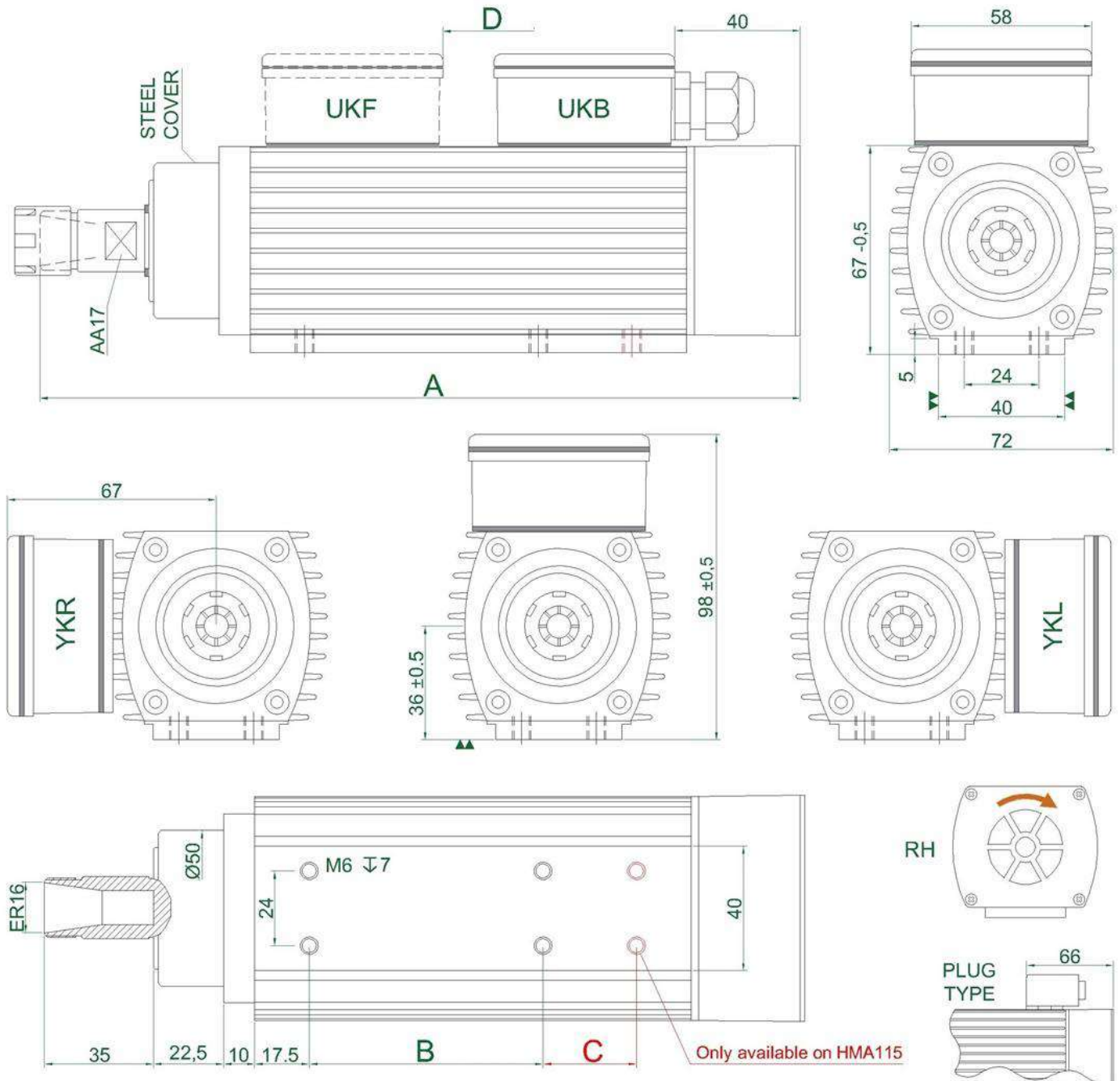
ALUMINUM COVER (AK) / SINGLE BEARING (SB)



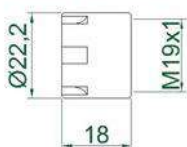
CKS-ER16M

TYPE	A	B	C	D
HMA 55	199	60	-	70
HMA 60	204	60	-	75
HMA 70	214	75	-	85
HMA 85	229	75	-	110
HMA 95	244	75	-	115
HMA 115	264	75	30	135

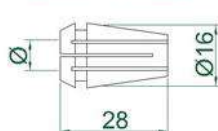
SMALL STEEL COVER (CKS) / SINGLE BEARING (SB)



ER16 M - NUT



ER16 - COLLET



min Ø 1 mm
max Ø10 mm

ELECTRIC CONNECTION (Check Motor Label For Voltage Value)

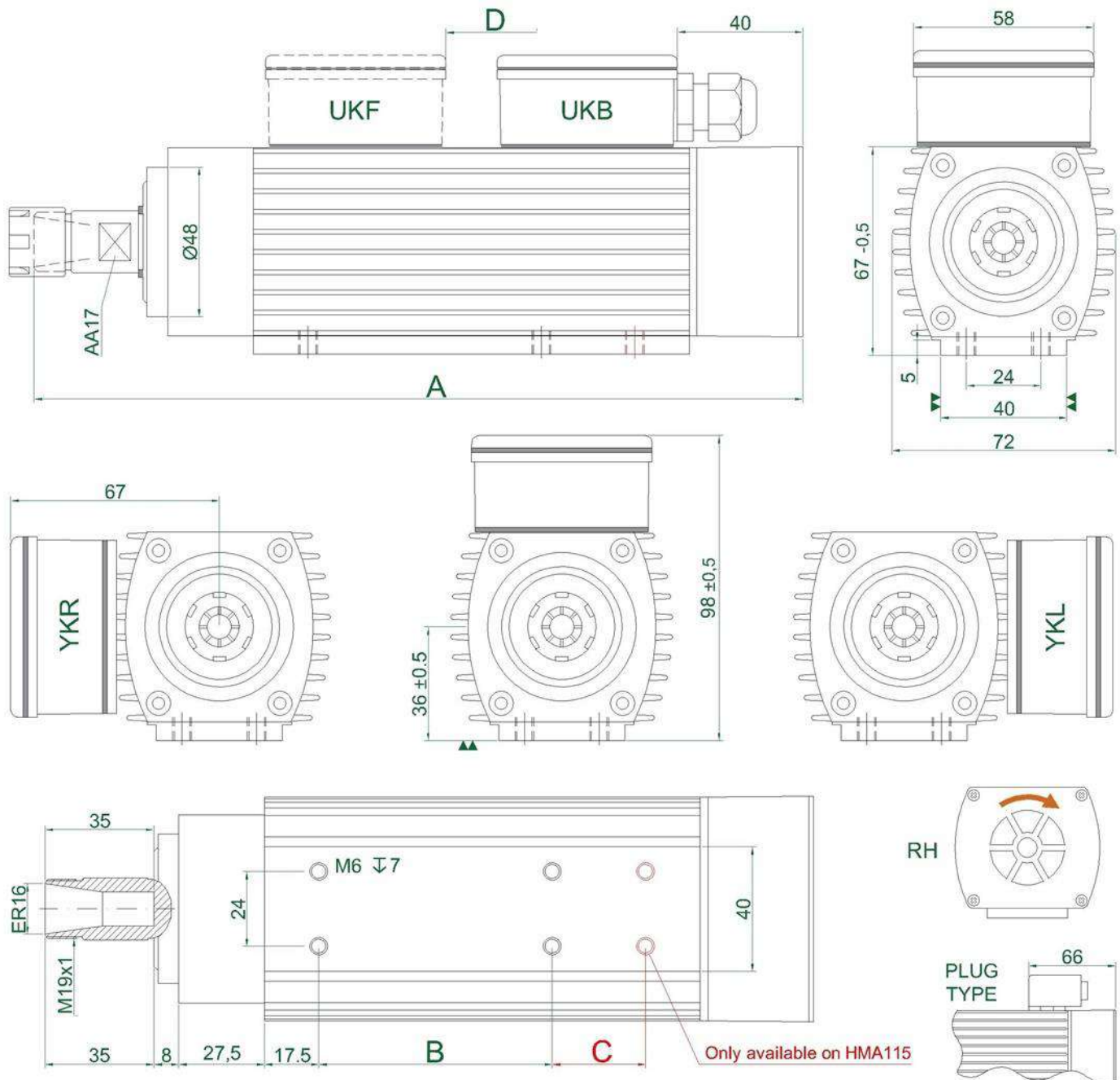
220 or 380 V	220 V	380 V	220 or 380 V
Ground U V W	Ground U V W	Ground U V W	Ground U V W
			PLUG TYPE

AK-ER16M

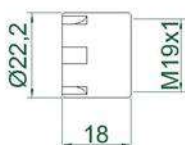


TYPE	A	B	C	D
HMA 55	202	60	-	70
HMA 60	207	60	-	75
HMA 70	217	75	-	85
HMA 85	232	75	-	110
HMA 95	247	75	-	115
HMA 115	267	75	30	135

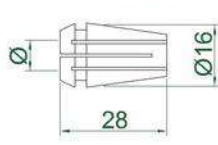
ALUMINUM COVER (AK) / SINGLE BEARING (SB)



ER16 M - NUT



ER16 - COLLET



min Ø 1 mm
max Ø10 mm

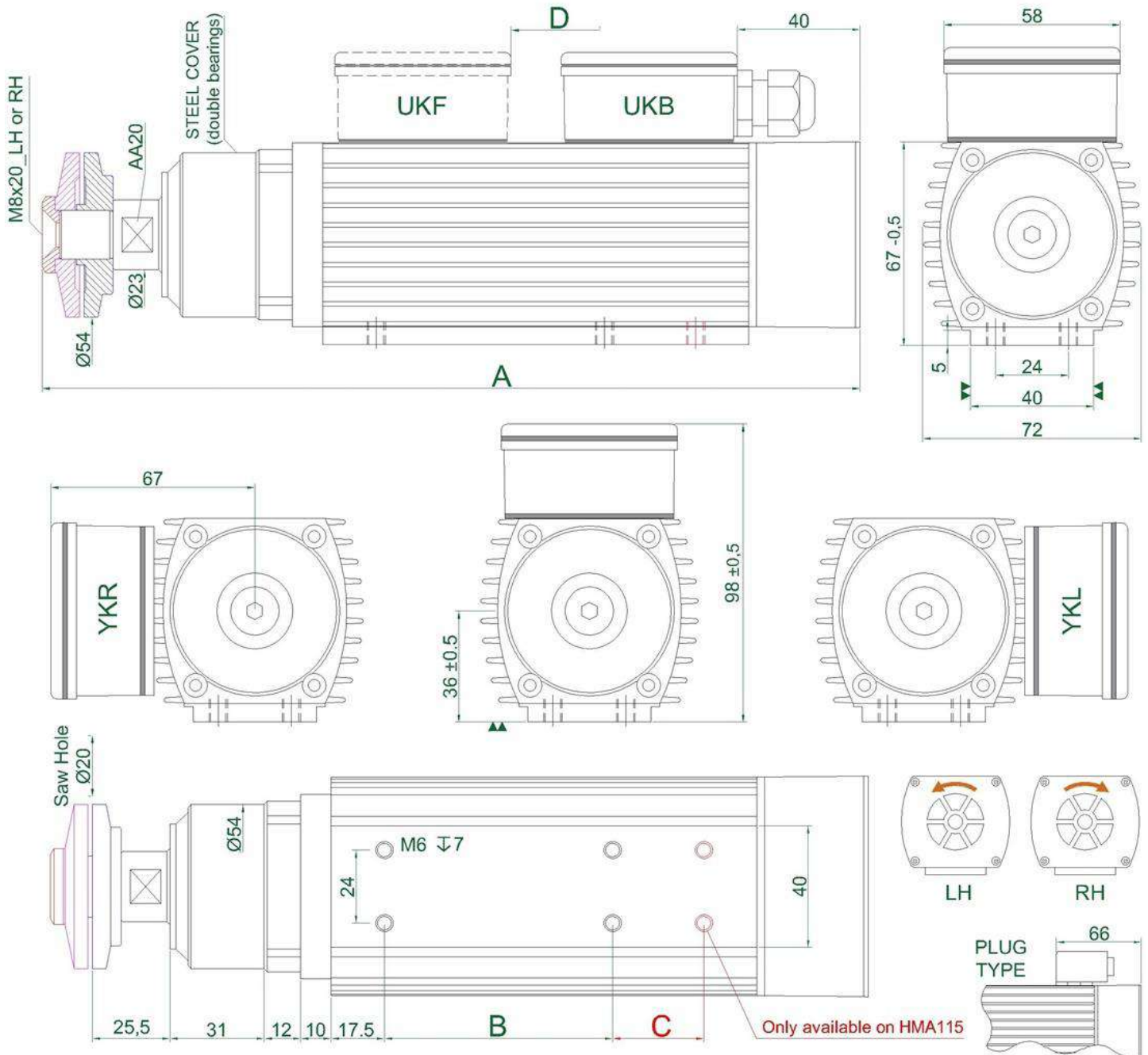
ELECTRIC CONNECTION (Check Motor Label For Voltage Value)			
220 or 380 V	220 V	380 V	220 or 380 V
Ground	Ground	Ground	Ground
U V W	U V W	U V W	U V W
PLUG TYPE	PLUG TYPE	PLUG TYPE	PLUG TYPE

CKL-FL20.54



TYPE	A	B	C	D
HMA 55	224	60	-	70
HMA 60	229	60	-	75
HMA 70	239	75	-	85
HMA 85	254	75	-	110
HMA 95	269	75	-	115
HMA 115	289	75	30	135

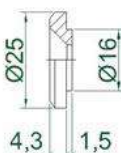
LONG STEEL COVER (CKL) / DOUBLE BEARINGS (DB) or CERAMIC BEARINGS (CB) (optional)



BOLT _ M8 LH or RH



WASHER

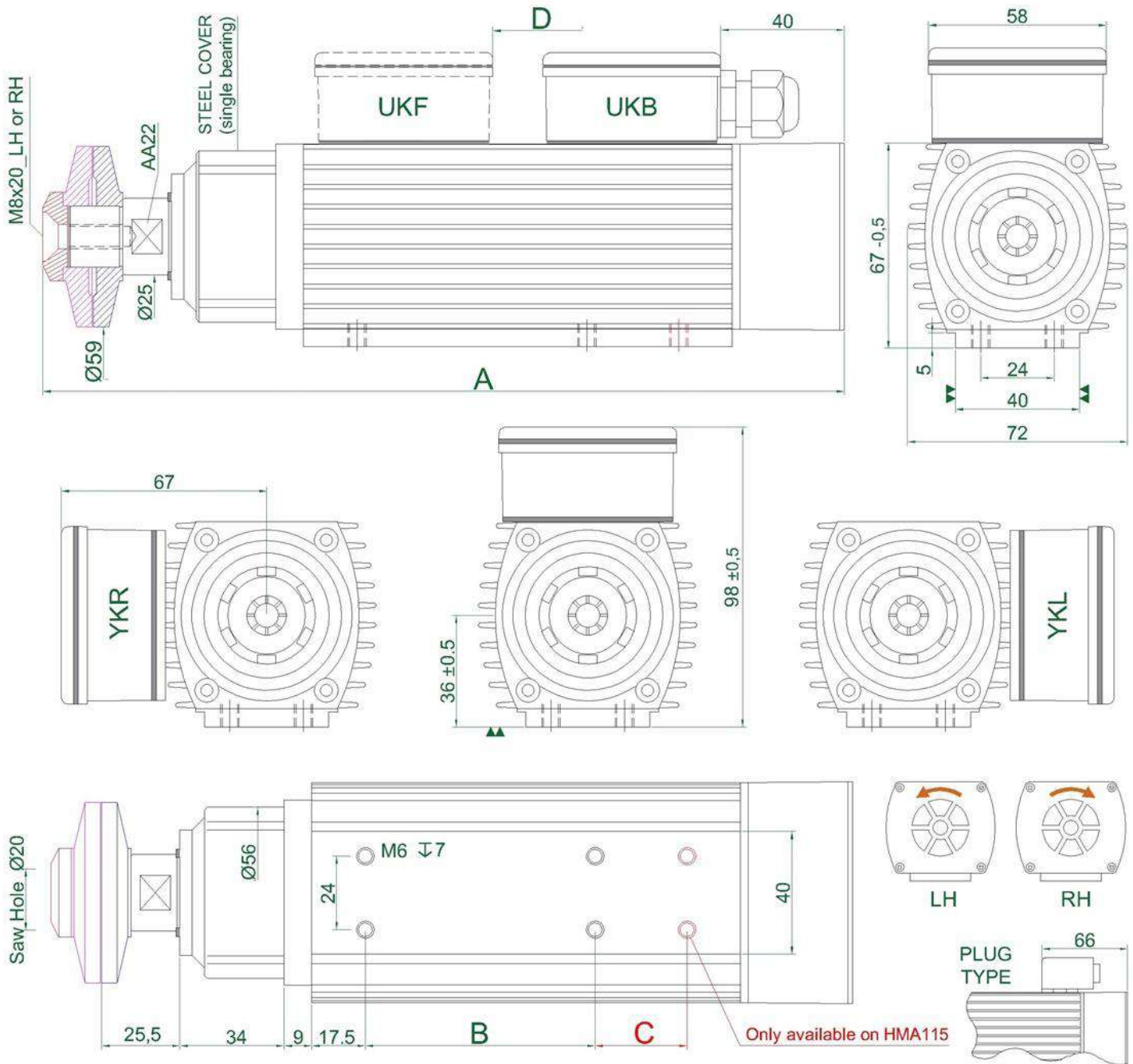


ELECTRIC CONNECTION (Check Motor Label For Voltage Value)			
220 or 380 V	220 V	380 V	220 or 380 V
Ground U V W	Ground U V W	Ground U V W	Ground U V W
			PLUG TYPE

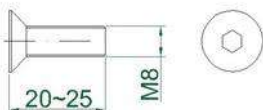
CKM-FL20.59

TYPE	A	B	C	D
HMA 55	217	60	-	70
HMA 60	222	60	-	75
HMA 70	232	75	-	85
HMA 85	247	75	-	110
HMA 95	262	75	-	115
HMA 115	282	75	30	135

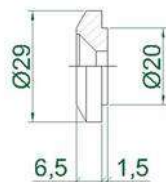
MEDIUM STEEL COVER (CKM) / SINGLE BEARING (SB)



BOLT _ M8 LH or RH



WASHER

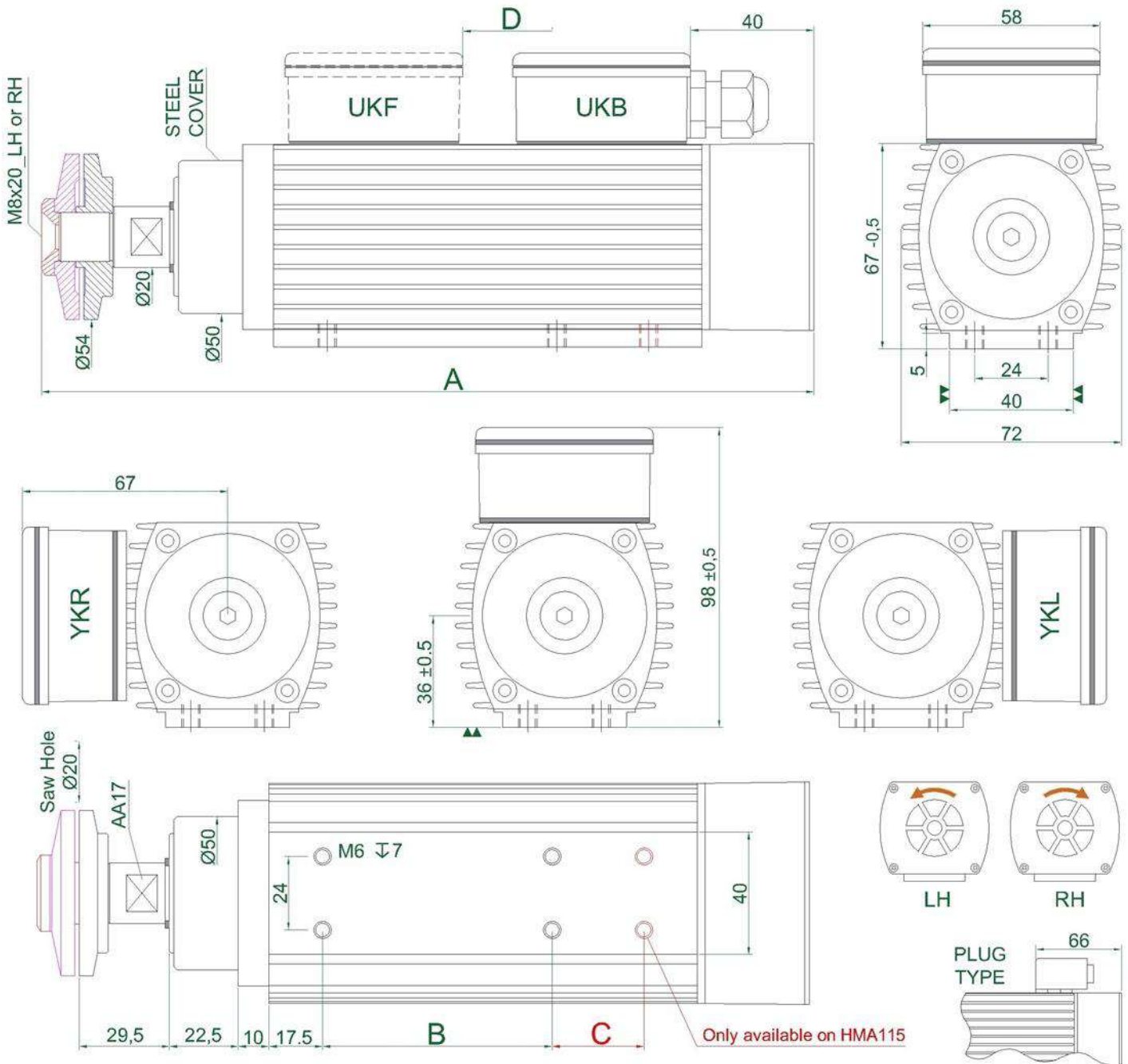


ELECTRIC CONNECTION (Check Motor Label For Voltage Value)			
220 or 380 V	220 V	380 V	220 or 380 V
Ground	Ground	Ground	Ground
U V W	U V W	U V W	U V W
PLUG TYPE	PLUG TYPE	PLUG TYPE	PLUG TYPE

CKS-FL20.54

TYPE	A	B	C	D
HMA 55	208	60	-	70
HMA 60	213	60	-	75
HMA 70	223	75	-	85
HMA 85	238	75	-	110
HMA 95	253	75	-	115
HMA 115	273	75	30	135

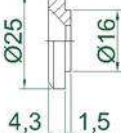
SMALL STEEL COVER (CKS) / SINGLE BEARING (SB)



BOLT _ M8 LH or RH



WASHER

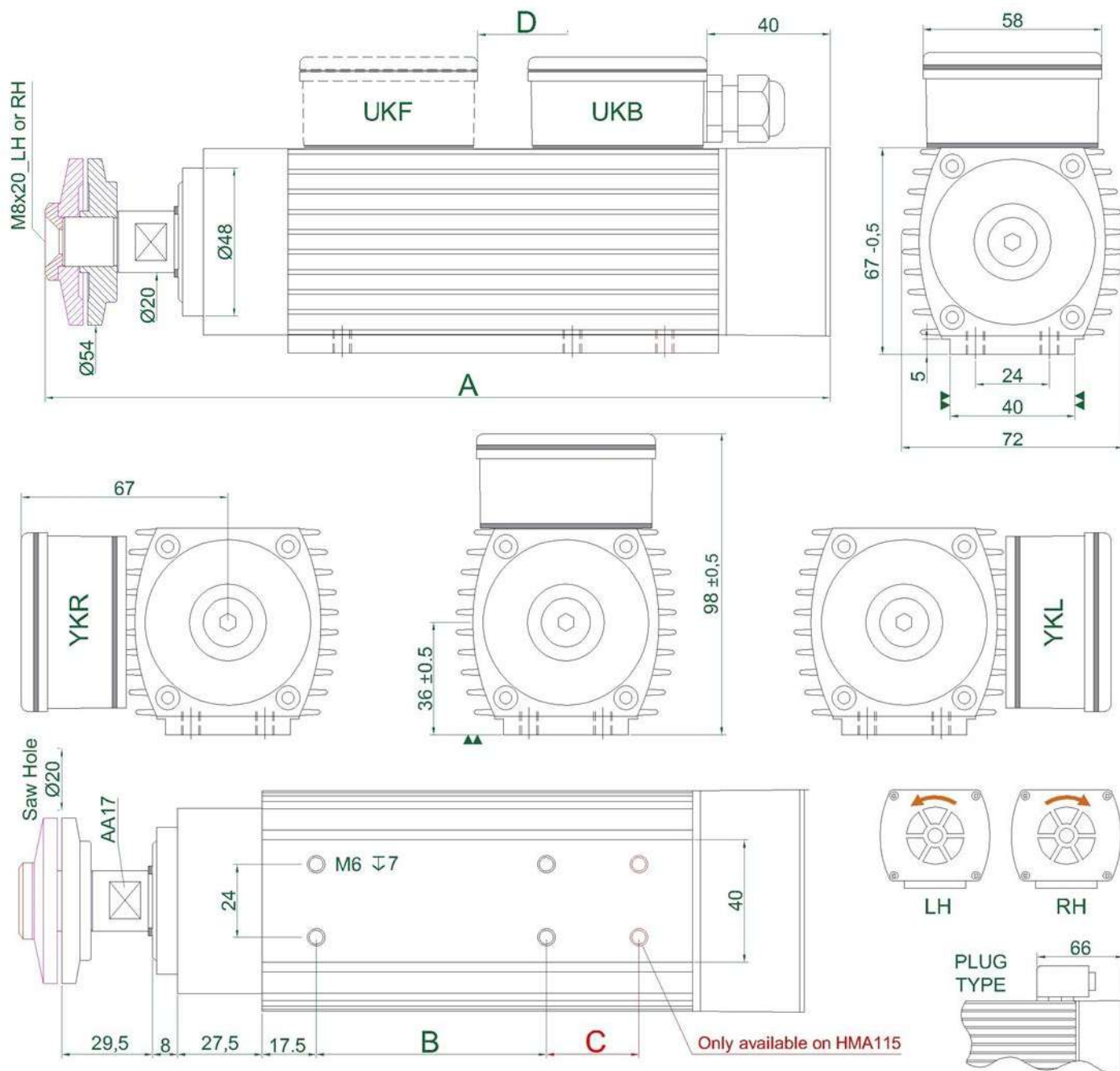


ELECTRIC CONNECTION (Check Motor Label For Voltage Value)			
220 or 380 V	220 V	380 V	220 or 380 V
Ground U V W	Ground U V W	Ground U V W	Ground U V W
PLUG TYPE			

A photograph of a small, industrial-grade electric motor. The motor has a silver-colored metal housing with a ribbed cooling section. A black cooling fan is mounted on the output shaft. The motor is shown from a side-on perspective, highlighting its compact design and mechanical components.

TYPE	A	B	C	D
HMA 55	211	60	-	70
HMA 60	216	60	-	75
HMA 70	226	75	-	85
HMA 85	241	75	-	110
HMA 95	256	75	-	115
HMA 115	276	75	30	135

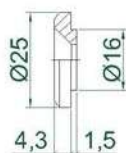
ALUMINUM COVER (AK) / SINGLE BEARING (SB)



BOLT _ M8 LH or RH



WASHER



ELECTRIC CONNECTION (Check Motor Label For Voltage Value)

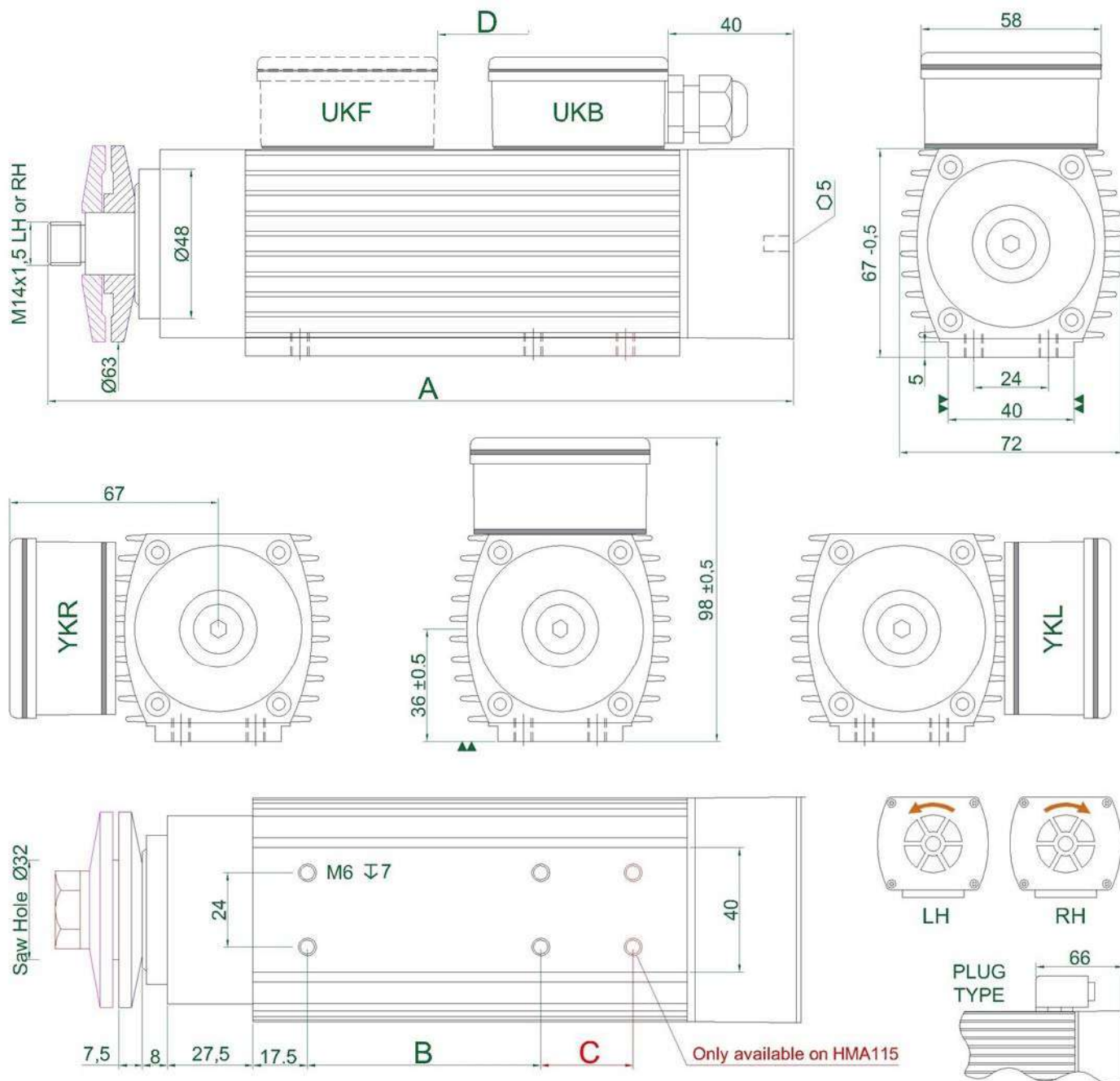
220 or 380 V	220 V	380 V	220 or 380 V
PLUG TYPE			

AK-FL32.63M

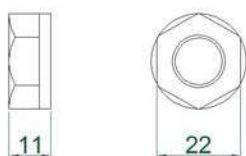


TYPE	A	B	C	D
HMA 55	195	60	-	70
HMA 60	200	60	-	75
HMA 70	210	75	-	85
HMA 85	225	75	-	110
HMA 95	240	75	-	115
HMA 115	260	75	30	135

ALUMINUM COVER (AK) / SINGLE BEARING (SB)



NUT M14x1,5 LH or RH



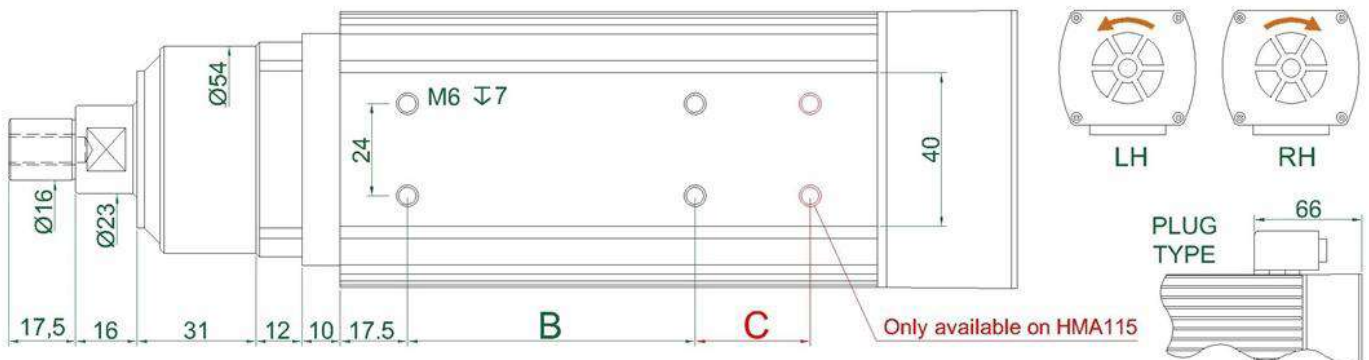
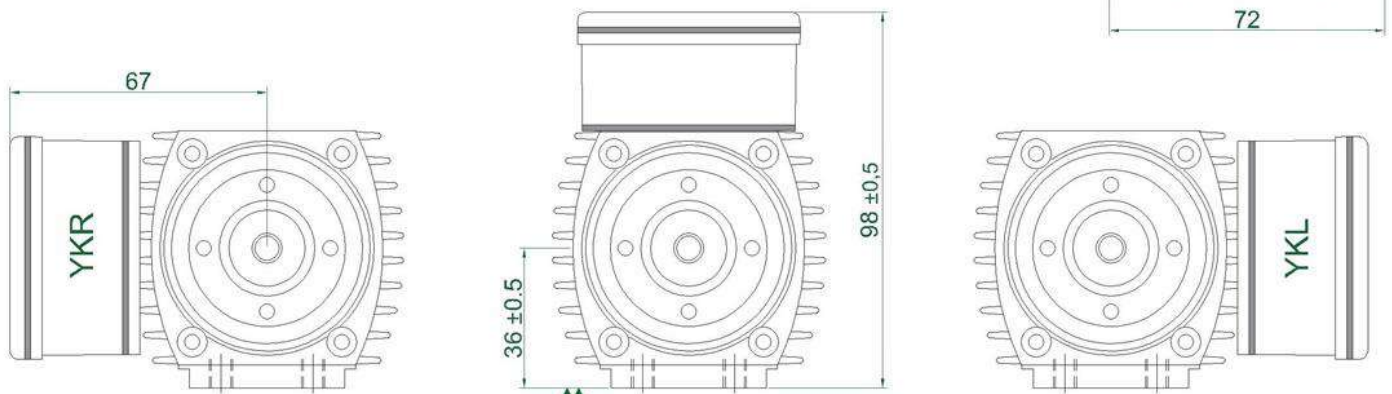
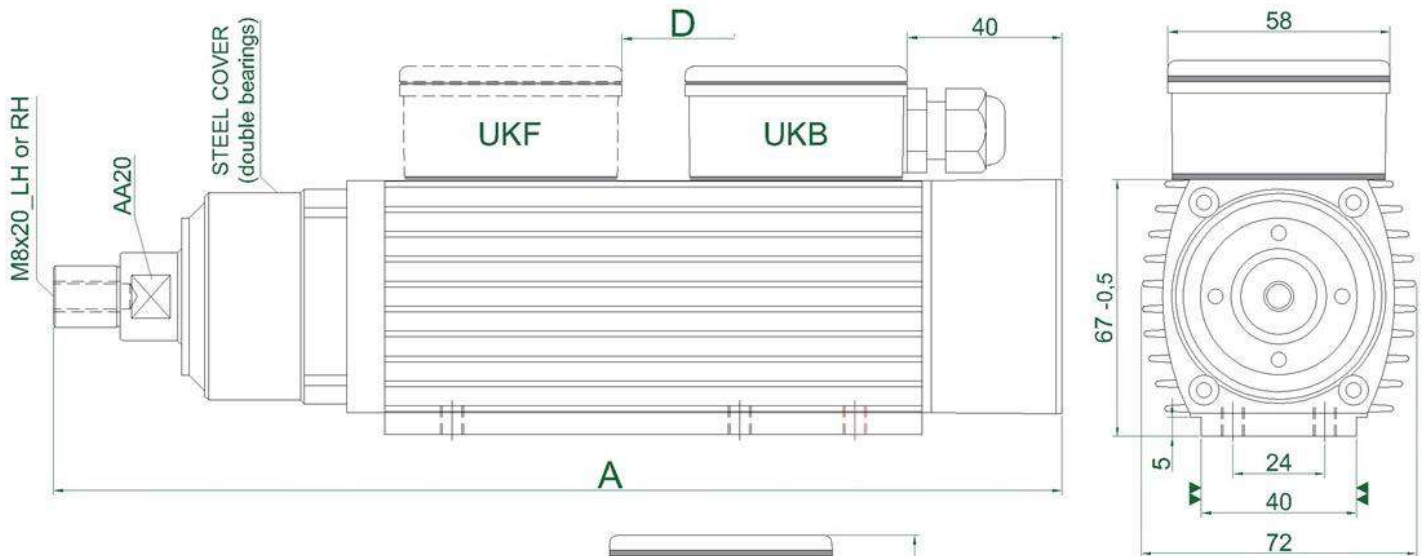
ELECTRIC CONNECTION (Check Motor Label For Voltage Value)			
220 or 380 V	220 V	380 V	220 or 380 V
Ground	Ground	Ground	Ground
U V W	U V W	U V W	U V W
PLUG TYPE			

CKL-L16.18



TYPE	A	B	C	D
HMA 55	218	60	-	70
HMA 60	223	60	-	75
HMA 70	233	75	-	85
HMA 85	248	75	-	110
HMA 95	263	75	-	115
HMA 115	283	75	30	135

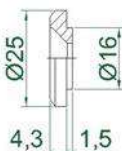
LONG STEEL COVER (CKL) / DOUBLE BEARINGS (DB) or CERAMIC BEARINGS (CB) (optional)



BOLT _ M8 LH or RH



WASHER

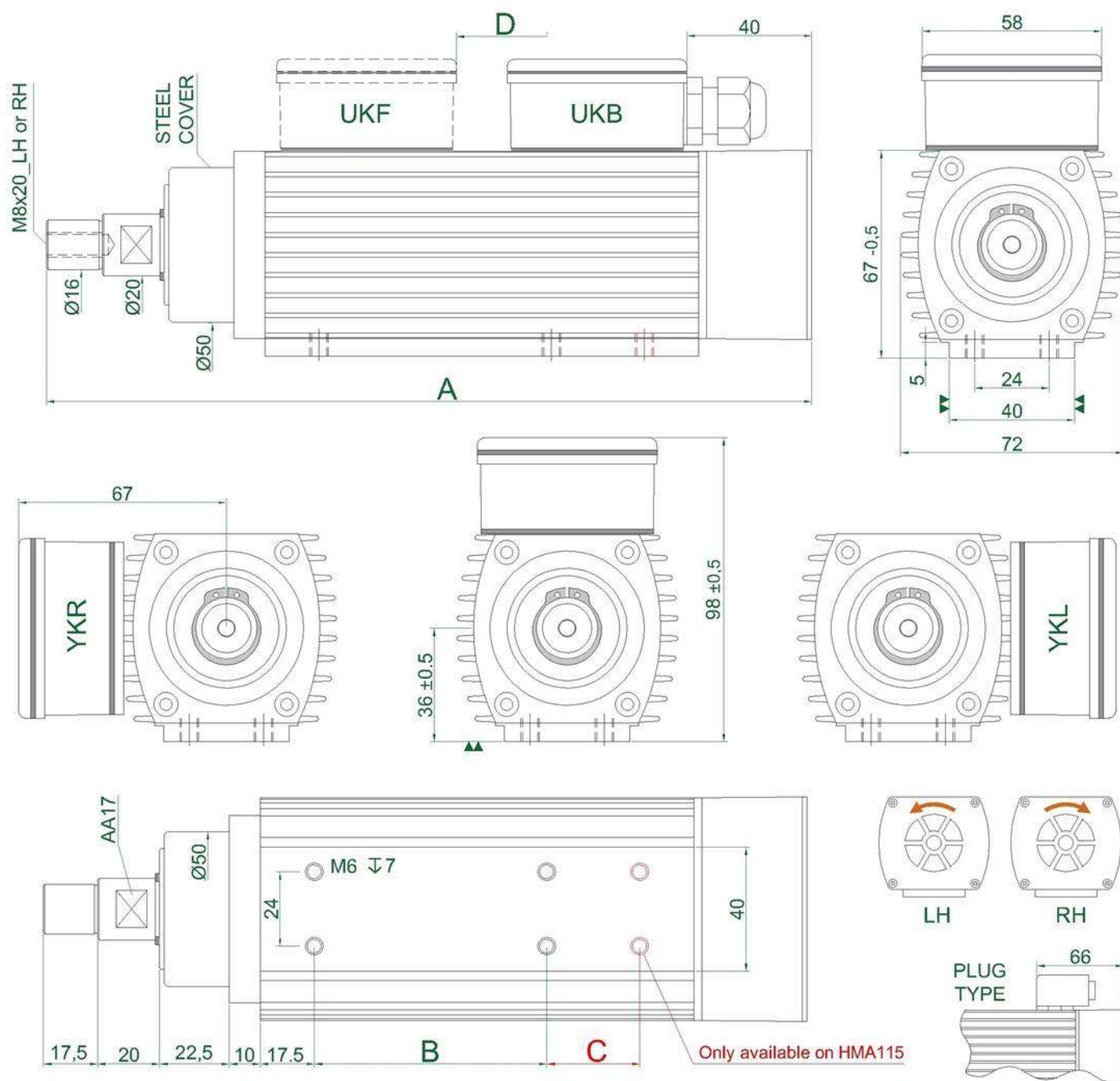


ELECTRIC CONNECTION (Check Motor Label For Voltage Value)			
220 or 380 V	220 V	380 V	220 or 380 V
Ground	Ground	Ground	Ground
U V W	U V W	U V W	U V W
PLUG TYPE	PLUG TYPE	PLUG TYPE	PLUG TYPE

CKS-L20.18

TYPE	A	B	C	D
HMA 55	202	60	-	70
HMA 60	207	60	-	75
HMA 70	217	75	-	85
HMA 85	232	75	-	110
HMA 95	247	75	-	115
HMA 115	267	75	30	135

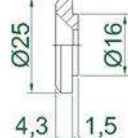
SMALL STEEL COVER (CKS) / SINGLE BEARING (SB)



BOLT _ M8 LH or RH



WASHER

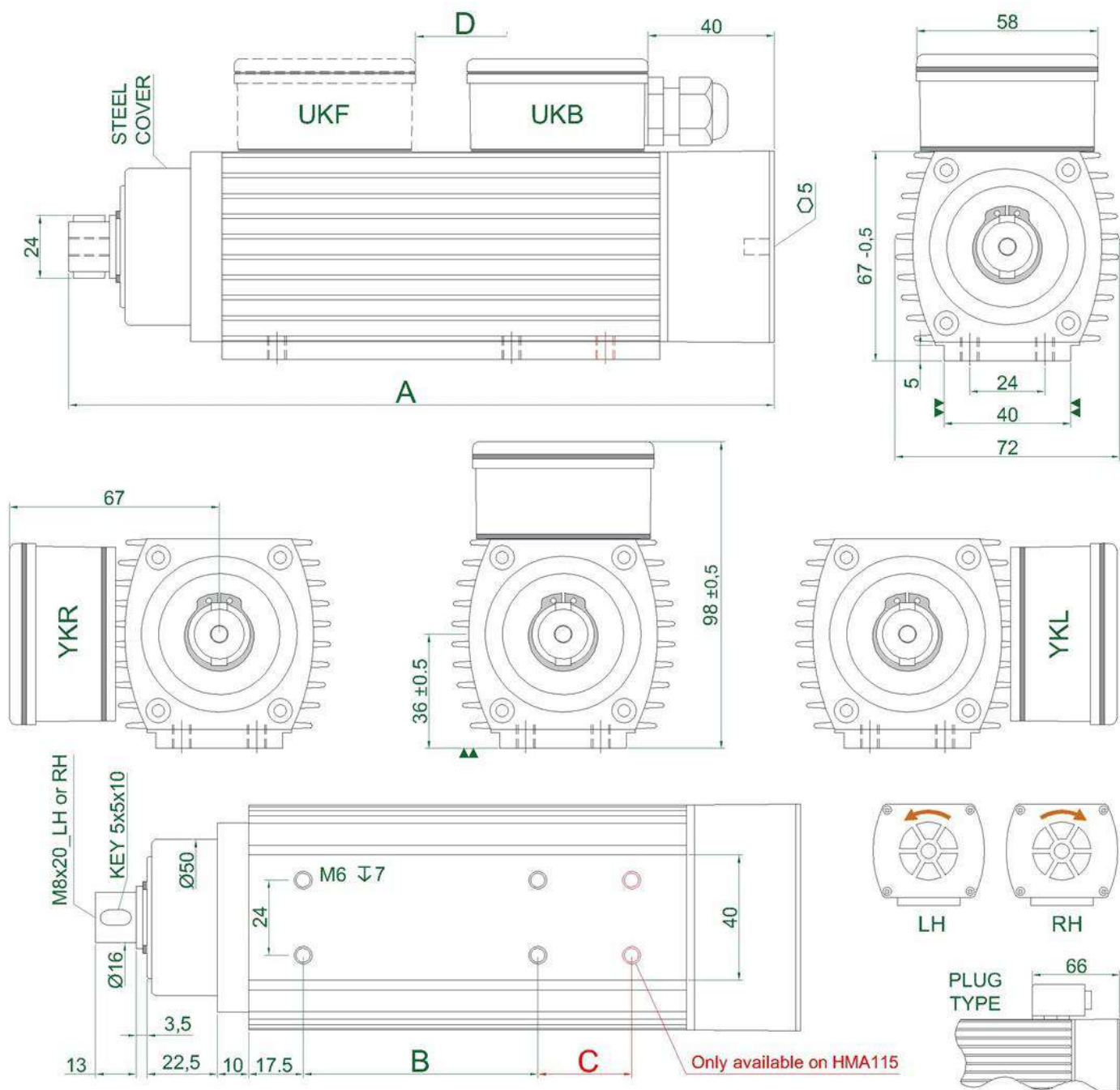


ELECTRIC CONNECTION (Check Motor Label For Voltage Value)

220 or 380 V	220 V	380 V	220 or 380 V
Ground	Ground	Ground	Ground
U V W	U V W	U V W	U V W
PLUG TYPE			

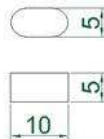
TYPE	A	B	C	D
HMA 55	181	60	-	70
HMA 60	186	60	-	75
HMA 70	196	75	-	85
HMA 85	211	75	-	110
HMA 95	226	75	-	115
HMA 115	246	75	30	135

SMALL STEEL COVER (CKS) / SINGLE BEARING (SB)



BOLT M8 LH or RH

KEY 5x5x10



ELECTRIC CONNECTION (Check Motor Label For Voltage Value)

220 or 380 V	220 V	380 V	220 or 380 V

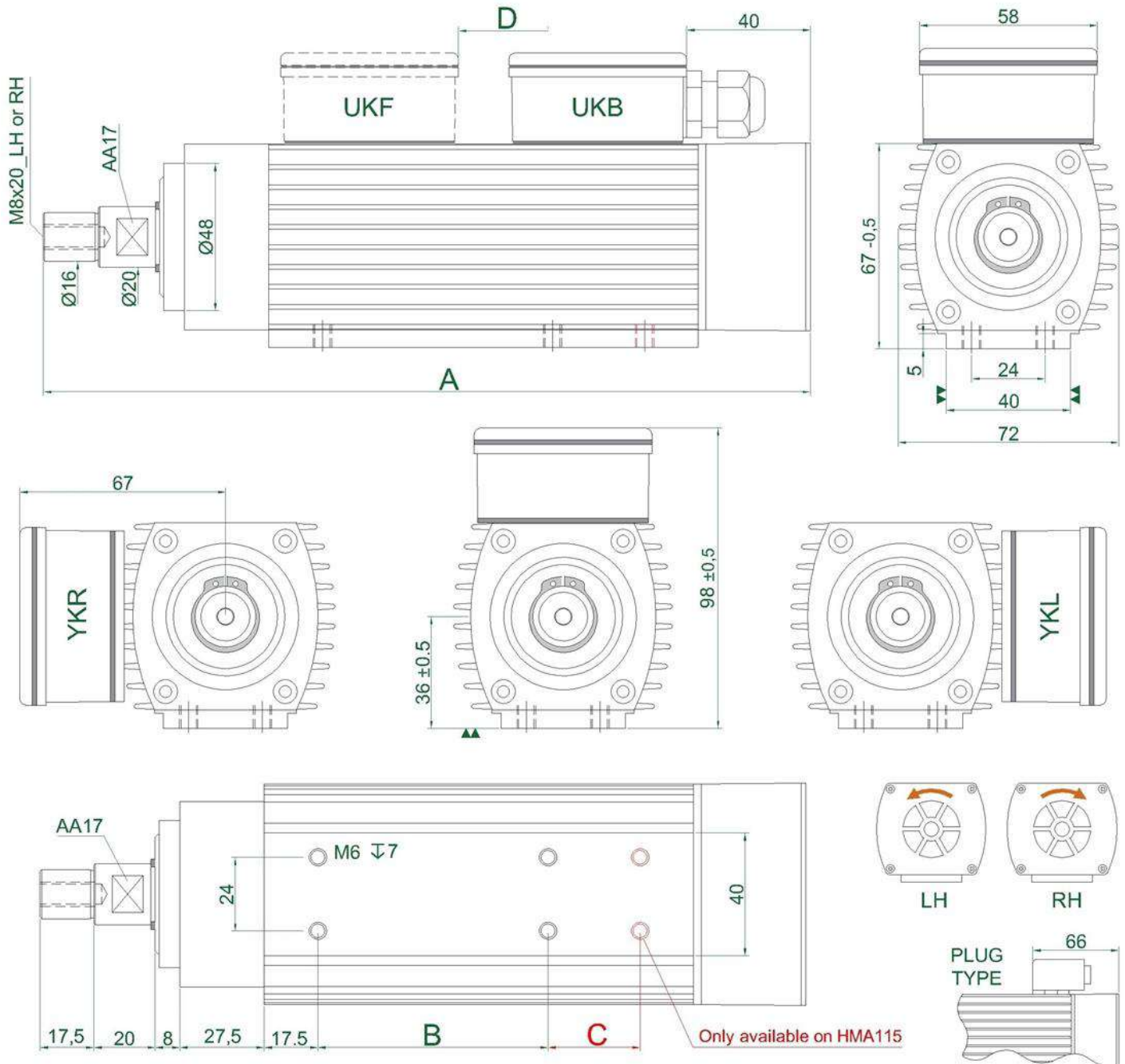
PLUG TYPE

AK-L20.18



TYPE	A	B	C	D
HMA 55	205	60	-	70
HMA 60	210	60	-	75
HMA 70	220	75	-	85
HMA 85	235	75	-	110
HMA 95	250	75	-	115
HMA 115	270	75	30	135

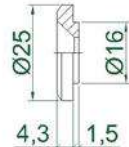
ALUMINUM COVER (AK) / SINGLE BEARING (SB)



BOLT _ M8 LH or RH



WASHER



ELECTRIC CONNECTION (Check Motor Label For Voltage Value)

220 or 380 V	220 V	380 V	220 or 380 V
Ground	Ground	Ground	Ground
U V W	U V W	U V W	U V W
PLUG TYPE			