KW Aufzugstechnik GmbH Phone +49 6171-9895-23 Fax+49 6171-9895-03 e-mail: verkauf@kw-aufzugstechnik.de

Company:		Editor :	Date :
Project / Place :		Phone. :	Time:
Equiment No:		☐ Request ☐ Order	Delivery:

Regulation : ☐ EN 81-20/50 ☐ EN 81-1/2 ☐ 2006/42/EG MRL ☐ ATEX ☐ Special law:

1.1 LIFT DATA

Door distribution

Floor-Name	D1	D2	D3	Distance
Shaft head				mm
Floor 64	☐	☐	☐	mm
Floor 18	☐	☐	☐	mm
Floor 17	☐	☐	☐	mm
Floor 16	☐	☐	☐	mm
Floor 15	☐	☐	☐	mm
Floor 14	☐	☐	☐	mm
Floor 13	☐	☐	☐	mm
Floor 12	☐	☐	☐	mm
Floor 11	☐	☐	☐	mm
Floor 10	☐	☐	☐	mm
Floor 09	☐	☐	☐	mm
Floor 08	☐	☐	☐	mm
Floor 07	☐	☐	☐	mm
Floor 06	☐	☐	☐	mm
Floor 05	☐	☐	☐	mm
Floor 04	☐	☐	☐	mm
Floor 03	☐	☐	☐	mm
Floor 02	☐	☐	☐	mm
Floor 01	☐	☐	☐	mm
Shaft pit				mm

☐ With Machine room **MR**
☐ Without **MRL**

Pos. Control / Pos. Motor
☐ Top Side /Over ☐ Top
☐ Middle side ☐ Middle
☐ Bottom side ☐ Bottom
Distance Shaft-Contr. m
Distance Motor-Contr. m

Main data:
No. of Floors:
Hoistway height: m
Shaft height: m
Loading: Kg
Speed: m/s
Suspension: ☐ 1:1 ☐ 2:1
Rails: ☐ Central ☐ Backbag

Control typ: ☐ Group control Number
☐ Call- & Send-Control ☐ 1 Button Collective control
☐ Target selection controller ☐ 2 Button Collective control

Speed restrictor:
☐ Remote release GB V ☐ Descent stop.system GB V
☐ Reset remote relea. V ☐ Reset descent stop syst. V
Position of the GB ☐ Machine R. ☐ Pit-brow ☐ ride-on

☐ **Reduced pit-brow** ☐ **Recuced shaft-pit**
☐ Inspection stop function ☐ Door unlocking monitoring
☐ Folding railing ☐ Folding apron
☐ Folding Support-Switching ☐ Schindler SPH-TR

Realization – UCM:
Rope: ☐ Gearless ☐ Descent stopp.sy. ☐ TSB /NBS ☐ EOS ☐ Ebra
Hydr: ☐ Descent stopping valve ☐ Valve monitoring ☐ UCM-V
☐ Others:

1.2 DOOR DATA

Shaft doors:
Doorside 1: ☐ Automatic ☐ Hand door ☐ Special ☐ Elect. powered
Doorside 2: ☐ Automatic ☐ Hand door ☐ Special ☐ Elect. powered
Doorside 3: ☐ Automatic ☐ Hand door ☐ Special ☐ Elect. powered
☐ Door contact 230V AC fähig ☐ Door contact open

Locking Magnet:
☐ 230VAC ☐ 207VDC ☐ V
☐ Locked motor 400V AC
☐ Mechanical unlocking
-> Low voltage & Sil-3 Building block

Cabin doors: Door limit switch-motor
Doorside 1: ☐ Automatic ☐ Faltdoor ☐ No ☐ Yes ☐ No V
Doorside 2: ☐ Automatic ☐ Faltdoor ☐ No ☐ Yes ☐ No V
Doorside 3: ☐ Automatic ☐ Faltdoor ☐ No ☐ Yes ☐ No V
☐ Additional-Cabin lock ☐ DLF1 MO/EM

Door drive ☐ **CANO**pen
☐ Siemens AT ☐ Wittur Eco
☐ Meil. Midrive ☐ Fermator 3Vx
☐ Sematic ☐ Thyssen F
☐ ☐ So.

Door lock without cabin door:
☐ no ☐ Si-Light grid **Type:** ☐ Strack LTÜ ☐ CEDES LX ☐ CEDES LI

Anteroom surveillance:
☐ Cabin ☐ In the Floor ☐ 3D-Light grid ☐ Radar-Anteroom surveillance

Door functions:
☐ Exit request system ☐ Lead. operation ☐ Selective door-control ☐ Locking system

1.3 MOTOR DATA

Drive Hydraulic	**Rated current** A	**Power** KW	☐ **Old** or ☐ **New**	
☐ **ALGI AZST 4V**	☐ **BUCHER LRV**	☐ **BLAIN** EV100	☐ **GMV** 3010 3V	☐ **Oth.**
☐ **ALGI AZRS**	☐ **BUCHER iValve**	☐ **BLAIN** SEV	☐ **GMV** NGV A3	
☐ **ALGI AZFR** Danfos	☐ **BUCHER** SaturnAlpha	☐ **BLAIN** EV4 Yaskawa		
Valves - No.:	☐ 230V AC	☐ 207/185V DC	☐ 400V Motor	☐ Oth. V
Indirect hydraulics 2:1	Catch triggering by:	☐ Slack rope switch	☐ Speed restrictor	
☐ **Oil cooler**	☐ 400VAC 1,7A 8,5KW	☐ 400VAC 2,6A 13KW	☐ **Double-Aggregate**	
☐ **Oil heating**	☐ 230VAC Heating rod	☐ 400VAC Heating mo.	☐ **Triple-Aggregate**	
☐ **Fine adjust.aggregate**	Rated current A	Power KW		

Drive Rope	**Rated curr** A	**Power** KW	☐ **Old** or	☐ **New**
☐ **Thyssen TW**	☐ **SASSI Leo -Toro**	☐ **WITTUR Sicor**	☐ **ZA** ZAF	☐ **Oth.**
☐ **Thyssen DAF**	☐ **SASSI Mody-MF48**	☐ **WITTUR WSG**	☐ **ZA** SM	
☐ **Thyssen PMC**	☐ **SASSI G**			

Brake:	☐ 24V DC ☐ 180-200VDC	☐ 50V DC Steel ☐ 200 >100V TW	☐ 130V DC OTIS ☐ 230V AC OMS	☐ 80V Schindler ☐ 400V Schindler
Additional Brake:	☐ Thyssen NBS	☐ Traction sheave brake	☐ Cable brake	☐ Oth.
Frequency control:	☐ Internal	☐ External	☐ **GOLIATH 90**	☐ **Oth.**
Control:	☐ Discrete Cable	☐ KW- Liftbus	☐ DCP	☐ CANOpen
External ventilation:	☐ 230VAC	☐ 400VAC – 2 Phase	☐ 400VAC 3 P	
☐ **Encoder existing?**	Impulse:	Voltage:	**Typ:** TTL/ HTL/ SSI/ EnDat:	
☐ **Solution-encoder**	☐ Thread.mandr. M10	☐ Thread mandr. M12	☐ Thread m. M14	☐ **Oth.**
☐ **W&W Paguflexenc.**	☐ Thread.mandr. M10	☐ Thread mandr. M12	☐ Thread m.. M14	☐ **Oth.**
☐ **Hollow shaft encoder**	☐ **35** mm shaft diamet	☐ **38** mm shaft diamet.	☐ **42** mm shaft diam	☐ **Oth.**

1.4 FUNCTIONS

Shutdown Control & Light
☐ Control & Light Off Cabin ☐ Control & Light Off Floor ☐ Remote shutdown GLT

Arrival signaling:
☐ Cabin bell ☐ Floor bell ☐ Voice message

Priority ride - Anholung:
☐ Priority ride inside ☐ Priority ride outisde ☐ Floor closure -release

Park functions:
☐ Parking Internal release ☐ Parking External release ☐ Parking zone switching (Group)

Group functions:
☐ Unequal group -Sweet Call ☐ Destination -Control ☐ Remote shutdown /Splitting

Emergency power operaton:
☐ Signal contact single elevator ☐ Sequence control 230VAC ☐ Recommissioning
☐ EVA90-USV-Evacuation ☐ Emergency lowering (Hydraulic) ☐ Spin brake opening (Rope)

Evacuation control EN81-76:2011:
☐ Automatic mode Calls / Journeys ☐ Automatic mode Prio-Floors ☐ Leader operation

Fire operation EN81-71:2016:
☐ Single contact single elevetor ☐ 2 Fire levels ☐ Dynamic, Floor fire alarm
☐ Control of the RWA-System ☐ RWA-supply +24V DC ☐ RWA-supply 230V AC

Evacuations:
☐ Flood-evacuations ☐ Earthquake-evacuation ☐ Terror-evacuation / SEK-STG

Fire fighter control:
☐ Simple FW-Control TRA200 ☐ FW-Control EN81-72:2015 ☐ City-Model:

Load measurement:
☐ Load measuring sensor at aggregate ☐ Load measur. sens.on the cabin ☐ Load meas.sen. pit-brow/MRoom
☐ Connection via CANOpen ☐ KW – Include load sensor ☐ DMG – Include load sensor

Energy saving function – Stand-By:
☐ Cabin light-& Display shutdown ☐ Shutdown of the door drives ☐ Stand-By Frequency inverter

Special trip functions:
☐ Bed-travel-function ☐ Penthouse-Control ☐ Parking garage control
☐ Attendant mode ☐ Totmann-Control ☐ Leader operation

Vehicle elevator:
☐ Vehicle positioning-Cabin ☐ Positioning display panel ☐ Indoor-traffic lights
☐ Anteroom surveillance-Shaft ☐ Anteroom surveillance Cabin ☐ Outdoor-traffic lights

Holding apparatus:
☐ Holding apparatus hydraulic ☐ Holding apparatus motorized ☐ Holding apparatus E-Magnet

Malfunction contact:
☒ Alarm message ☒ Collective error message ☐ Out of order message
☐ Evacuation ☐ ☐ Version as disconnect terminals

1.5 CONTROL CABINET

MR- Machine room		Measurements [mm]	Door(s)-hinge		Special
☐ **KW01Z**	Hydraulic-MR (MRL)	760 x 760 x 250	☐ Right ☐ Left		
☐ **KW04M**	Hydraulic-Rope- MR	560 x 1200 x 300	☐ Right ☐ Left	☐Base 500 mm	
☐ **KW06**	Hydraulic-Rope- MR	1000 x 1200 x 350	Folding doors	With Base 500mm	
☐ **KW07**	Hydraulic-Rope- MR	600 x 1800 x 400	☐ Right ☐ Left	With Base 200mm	
☐ **KW08**	Hydraulic-Rope- MR	800 x 1800 x 400	☐ Right ☐ Left	With Base 200mm	Modul.cabi
MRL- Without					
☐ **KW03Z**	Hydraulic-Rop- MRL	450 x 1900 x 250	☐ Right ☐ Left	With Base 80 mm	☐ V2A
☐ **KW240**	Rope- MRL	240 x 2000 x 220	☐ Right ☐ Left	☐Base 150 mm	☐ V2A
☐ **KW265-Lea**	Rope- MRL	265 x 2000 x 210	☐ Right ☐ Left		
☐ **KW420**	Rope- MRL	420 x 2000 x 220	☐ Right ☐ Left		DB
MRL-Fireproof-Control cabinets					
☐ **KW360 F30**	Hydraulic-Rope MRL	1600 x 360 x 180	Swiveling in front		V2A
☐ **KW04 F30**	Hydraulic-Rope MRL	1364 x 648 x 449	Right	☐Base 340 mm	
☐ **KW04 F90**	Hydraulic-Rope MRL	1348 x 664 x 396	Right	☐Base 340 mm	
MRL-Shaft-Control cabinets					
☐ **KW280 MK-I**	Rope-MRL	280 x 2000 x 250	Removable	With Servicepanel	
☐ **KW380 MK-II**	Rope-MRL	380 x 2000 x 250	Removable	With Servicepanel	

Mounting plates for cabinets
☐ **KW01-ALGI** Machine cabinet ☐ Mounting plate x mm ☐ Others.
☐ HPG-60 ☐ Cabinet fan ☐ Others.

Control cabinet Features:
☐ Cabinet lighting ☐ Control cabinet heating ☐ Air conditioner KW06 / 07 / 08
☐ Journey counter ☐ Operating-hours meter ☐ Maintenance display
FI-Protection counter for drive: ☐ 300mA AllSensitiv FU-drives ☐ 300mA Softstart drives
☐ separate Light feed ☐ Existing sub distribution ☐ New sub-distribution
☐ Serial cable f. GSM-emergency call ☐ KW-GSM-Modem ☐ KW - Gateway

1.6 Copy. & Deliver.

Shaft copy ☐ **ELGO-SAFE CP33, Encoder& tape** ☐ **ANTS-SAFE, Encoder & tape**
☐ ELGO-LIMAX-2, Encoder & tape ☐ Variotech-ANTS, Encoder & tape

Delivery Installation material controller room: ☐ **Complete delivery** ☐ **Halogen free**
Delivery Installation material Shaft & cabin: ☐ **Complete delivery** ☐ **Halogen free** ☐ **ATEX**

Particularities:

KW Aufzugstechnik GmbH Phone. +49 6171-9895-23 Fax: 06171-9895-03 verkauf@ kw-aufzugstechnik.de

Car-Panel Type:

- ☐ **IT** – COP – **900** x 200mm
- ☐ **IT** – COP – **1000** x 200mm
- ☐ **IT** – COP – **1200** x 200mm
- ☐ **IP** – CEP Panel – **2200** x 230 x 20 mm

Surface-mounted-Version

☐ Surface-mounted-**IT** ☐ Surface-mounted-**IP**

Material

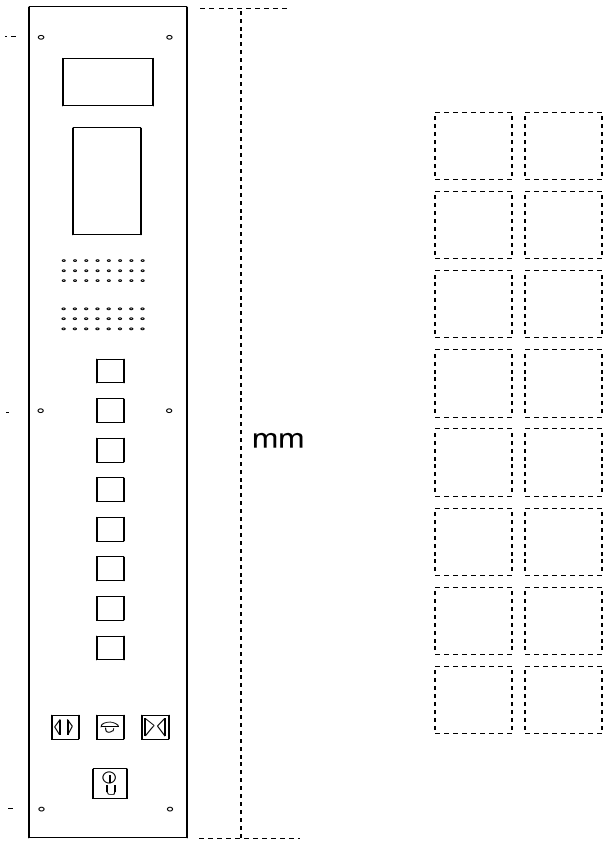
☐ **V2A K240** ☐ V2A Linen
☐ V2A Glass bead ☐ V2A Titanium oxide
☐ V2A High polish ☐ V2A Powdered

Special-Panelbox

☐ Waterproof IP54 ☐ Sink mounting

Additional operator panel?

☐ Only w. door-open-d ☐ D-open & D-closed
☐ D-Op, D-Cl & lock ☐ Complete w.Display



Key switch - Functions

☐ Special trip ☐ Priority
☐ STG & Light Off ☐ Release
☐ Dividing door ☐

Transponder – card reader

☐ Special trip ☐ Priority
☐ Car call ☐ Release

Car position- and continued travel display

☐ Matrix-Display-33, Digit height 30 ☐ Red ☐ Blue
☐ Matrix-Display-53, Digit height 54 ☐ Red ☐ Blue
☐ TFT-Display-70 7,1" 153 x 95 mm, 4096 Colors
☐ TFT-Display-100 10,1" 216 x 135 mm, 4096 Colors

Data field according to EN standard,emerg.light illumin.

	KG or		**Persons**
Const.year		Unit.No.:	
CE No.		Manufac.:	

Company logo	☐ **Color print**	☐ Engraved	☐ Lasered
Fire text	☐ **Color print**	☐ Engraved	☐ Lasered
Fire logo	☐ **Color print**	☐ Engraved	☐ Lasered
Alarm text	☐ **Color print**	☐ Engraved	☐ Lasered

☐ **Speech field 1, Internal intercom KW SA-60**

☐ **Speech field 2, External Emergency call**

☐ Telegärt. NRT ☐ SAFELINE ☐ BASE
☐ Amphitec ☐ Behnke ☐ Other
☐ TK Teleservice ☐ OTIS REM ☐ KONE Xineon

☐ **Speech field 3, Voice message/ External Loudspeaker**

Call button ☐ Red ☐ Blue ☐ White ☐ Green

Standard models:

☐ Button **KV-44** 32 x32mm
☐ Button **KV-46** Ø 30mm
☐ Button **KV-46V** Ø30mm C2
☐ Button **KB-44** 32 x32mm
☐ Button **KB-46** Ø 30mm
☐ Button **KB-60** 50 x50mm
☐ Button **KB-66** Ø 50mm

Special model:

☐ Button **MT-42** 32 x32mm
☐ Button **RT-42** Ø 30mm
☐ Button **VB-42** Ø 30mmC2
☐
☐ Button **KW60** Ø 14mmIP67
☐ Button **B50** 50 x50mm
☐ Button **B50R** Ø 50mm

OPTIONAL

☐ Button **RESET** ☐ Button **Loading time**
☐ Button **2x Dopen&Dclos.** ☐ Button **Fan**
☐ Key button ☐ **Braille**
☐ **Emergency stop** ☐

Identification fields

☐ Schäfer 32 x 63 Plexi ☐ BS Tab. 40 x 80 V2A
☐ Schäfer 32 x 63 Beleucht. ☐ BS Tab. 40 x 80 Beleucht.

Structure according to EN- 81/70

☐ Green Ring Mainfloor ☐ Cabin gong
☐ Safety Ring Alert Pushbut. ☐ Voice message

Structure according to EN- 81/73 elev.f.fire depart.

☐ Fire fighter-lock inside ☐ FW-Pictograms

Fixture:

☐ Screwed ☐ Divided ☐ Invisible ☐ Fold

Features:

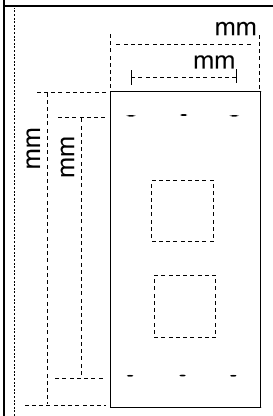
KW Aufzugstechnik GmbH Phone. +49 6171-9895-23 Fax: 06171-9895-03 verkauf@ kw-aufzugstechnik.de

Standard – Exterior Panel Typ:

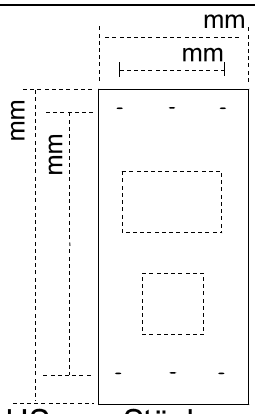
- ☐ **AT** – 1 KS Double arrow **200** x 60mm Pcs.:
- ☐ **AT** – 2 KS Double arrow **250** x 60mm Pcs.:
- ☐ **AT** – 1 KS Matrix displ.**250** x 80mm Pcs.:
- ☐ **AT** – 2 KS Matrix displ.**300** x 80mm Pcs.:
- ☐ **Surface-mounted design**

Material:

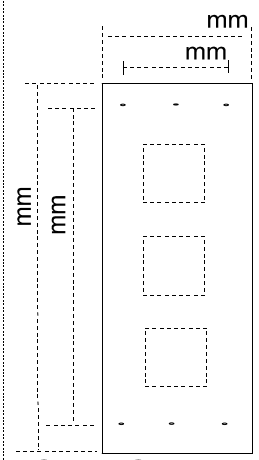
- ☐ **V2A K240**
- ☐ V2A Linen
- ☐ V2A Glass bead
- ☐ V2A Titanium oxide
- ☐ V2A High polish
- ☐ V2A Powdered



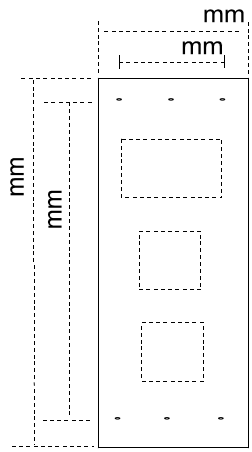
HS:.....Stück:....



HS:.....Stück:....



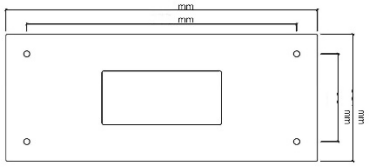
HS:.....Stück:....

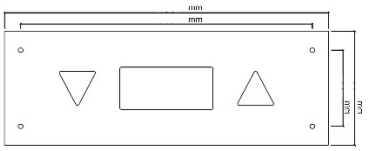


HS:.....Stück:....

Exterior Display Typ: Piece:

- ☐ **Only the Display**
- ☐ Display & Bell
- ☐ Display & 2x Arrows
- ☐ Display-2xArrows-Bell





Standard- and continued travel display

☐ Double arrow display	☐ Red	☐ Blue	
☐ Out-of-order-display	☐ Red	☐ Blue	
☐ Elevator full-Display	☐ Red	☐ Blue	
☐ Matrix-Display-22, Digit height 20	☐ Red	☐ Blue	
☐ Matrix-Display-32, Digit height 30	☐ Red	☐ Blue	
☐ LCD-Display-30 3,0'' 69 x 66 mm, Background Blue			
☐ TFT-Display-28 2,8'' 60 x 42 mm, 4096 colors			
Company logo ☐ **Color print.**	☐ Engraved	☐ Lasered	
Fire text ☐ **Color print.**	☐ Engraved	☐ Lasered	
Fire logo ☐ **Color print.**	☐ Engraved	☐ Lasered	
Call button ☐ Red	☐ Blue	☐ White	☐ Green

Standard models:

- ☐ Button **KV-44** 32 x32mm
- ☐ Button **KV-46** Ø 30mm
- ☐ Button **KV-46V** Ø30mm C2
- ☐ Button **KB-44** 32 x32mm
- ☐ Button **KB-46** Ø 30mm
- ☐ Button **KB-60** 50 x50mm
- ☐ Button **KB-66** Ø 50mm

Special models:

- ☐ Button **MT-42** 32 x32mm
- ☐ Button **RT-42** Ø 30mm
- ☐ Button **VB-42** Ø 30mmC2
- ☐
- ☐ Button **KW60** Ø 14mmIP67
- ☐ Button **B50** 50 x50mm
- ☐ Button **B50R** Ø 50mm

OPTIONAL

- ☐ Key button **RESET**
- ☐ Key button preference
- ☐ **Emergency stop**
- ☐ **Braille**

Key switch - functions

- ☐ Special trip
- ☐ Fire department lock
- ☐ STG & Light OFF
- ☐ Release

Transponder -card reader

- ☐ Special trip
- ☐ Release

Fixture:

- ☐ Frame box
- ☐ Wall sleeve
- ☐ Caisson
- ☐ Screwed
- ☐ Invisible
- ☐ Protection IP54

Standard- and continued travel display

☐ Double arrow display	☐ Red	☐ Blue	
☐ Matrix-Display-33, Digit height 30	☐ Red	☐ Blue	
☐ Matrix-Display-52, Digit height 54	☐ Red	☐ Blue	
☐ Matrix-Display-53, Digit height 54	☐ Red	☐ Blue	
☐ LCD-Display-V50 144 x 79 mm, Background Blue			
☐ TFT-Display-43 4,3'' 99 x 57 mm, 4096 Colors			
☐ TFT-Display-70 7,1'' 153 x 95 mm, 4096 Colors			
☐ Perforated fields with bell-speakers (Attention! With ER-2014)			

Fixture:

- ☐ Frame box
- ☐ Wall sleeve
- ☐ Surface-mounted
- ☐ Screwed
- ☐ Invisible
- ☐ Protection IP54

Features: