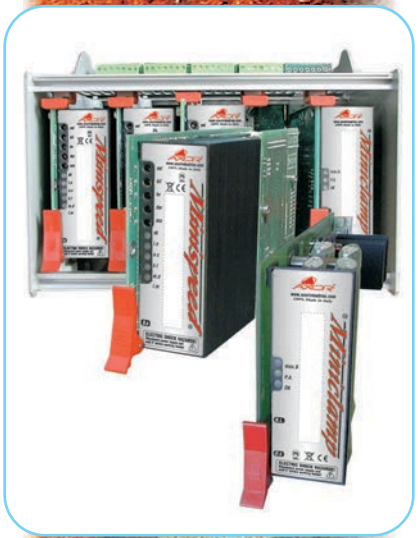
AXOR ★ INDUSTRIES ★ motors & drives SINCE 1988 ITALY

Minispeed Miniclamp RACK

MS - SHR - RKM



MODEL	MS 60						MS 140						MS 200					
SIZE (A)	4/8	8/16	10/20	14/28	20/40	25/50	4/8	8/16	10/20	14/28	20/40	25/50	4/8	8/16	10/20	14/28	20/40	25/50
In (ADC)	4	8	10	14	20	25	4	8	10	14	20	25	4	8	10	14	20	25
Ipk x 2" (ADC)	8	16	20	28	40*	50*	8	16	20	28	40*	50*	8	16	20	28	40*	50*
Width standard (TE)	8	8	8	8 ✇	8 ✇	12 ✇	8	8	8	8 ✇	8 ✇	12 ✇	8	8	8 ✇	8 ✇	8 ✇	12 ✇
Width option (TE)				12	12					12	12				12			
Line Fuse: type T	15 A / 250 V				25 A / 500 V		15 A / 250 V				25 A / 500 V		15 A / 250 V				25 A / 500 V	
Supply (VDC)	63 VDC[1] (20 min - 82 max)						140 VDC[1] (40 min - 182 max)						200 VDC[1] (60 min - 275 max)					

MODEL	SHR 60				SHR 140					SHR 200				
SIZE	50	100	200	400	50	100	200	400	800	50	100	200	400	800
WIDTH (TE)	8				8					8				
Rated Power (W)	50	100	200	400R	50	100	200	400R	800R	50	100	200	400R	800R
Line Fuse: type T	5 A / 250 V			8 A / 250 V	6.3 A / 250 V			10 A / 250 V		5 A / 250 V			8 A / 250 V	
DC Bus (VDC)	63 VDC[1]				140 VDC[1]					200 VDC[1]				

✇ : External forced cooling required

[1] : Recommended DC power supply

* : Peak current = x 1 second

R : External Power resistor

(MS) Standard Features

- Eurocard DC servodrive
- Driving motor range up to 15 Nm
- Single DC power supply
- Operating: frequency 11KHz
  temperature 0 - 40°C
  humidity 10 - 95%
- **T0** Tachogenerator feedback
- **RD** Differential reference control mode

(MS) Options

- **A0** Armature Feedback
- **E0** Encoder Feedback
- **PD** PWM + Direction
- **I0** Demand current (torque mode)

(SHR) Standard Features

- Eurocard Dumping card
- Single DC power supply
- Fully protected against:
  - Over / under voltage
  - Max braking power capacity
  - Power resistor short circuiting
- Signaling leds:
  - OK (green)
  - PA = prealarm (orange)
  - MAX B = maximum braking (red)
- Dumping power:
  - up to 200W with internal resistors
  - up to 800W with external resistors

(RKM) Standard Features

- Multi-axis rack for Eurocard Drives and Dumping
- Built-in Power Supply
- Available from 2 to 11 axis without Dumping Circuit or 10 axis with Dumping Circuit (7 axis with encoder option or booster)

Pb RoHS COMPLIANT CE

P. N. : D.S. / 15.01.18 / MSR / 02

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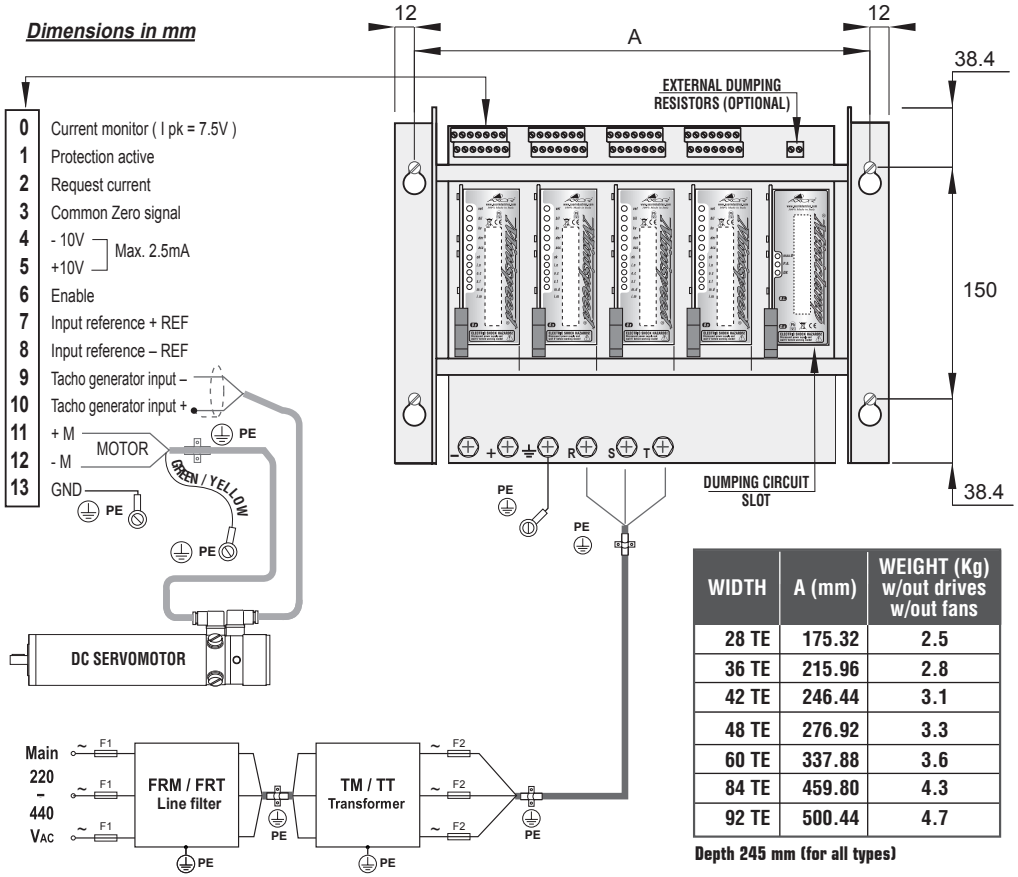
Dimensions in mm

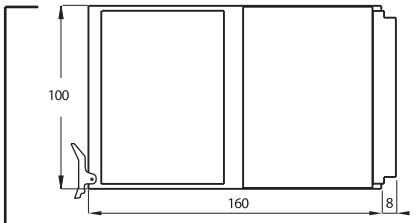


WIDTH	A (mm)	WEIGHT (Kg) w/out drives w/out fans
28 TE	175.32	2.5
36 TE	215.96	2.8
42 TE	246.44	3.1
48 TE	276.92	3.3
60 TE	337.88	3.6
84 TE	459.80	4.3
92 TE	500.44	4.7

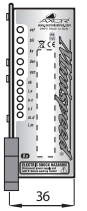
Depth 245 mm (for all types)

NOTE: For correct wiring see MINISPEED service manual (also for the sizing of F2 fuses and TM or TT transformer)

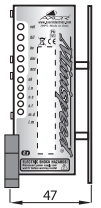
MINISPEED



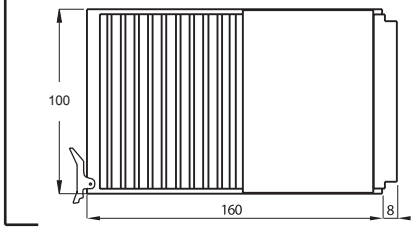
Weight: 0.52 Kg



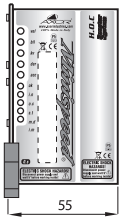
8 TE
Standard



12 TE
Encoder Feedback (Optional)

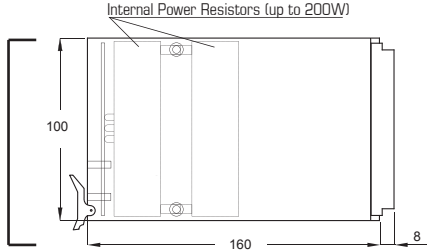


Weight: 0.7 Kg



12 TE
Booster (Heatsink powered) (Optional)

MINICLAMP



Weight: 0.3 Kg (50-200W), 0.5 Kg (400-800W)

8 TE
Standard

MS - 200 - 10/20 - B - S - 1000 / T0 - RD

DRIVE LINE

MODEL: 60 -140 -200

SIZE

HEATSINK: N = Normal (std), **B**= Booster (opt)

PROTECTION: S = Standard **T** = Tropicalized

AXOR adjustament identification number

FEEDBACK: T0 = Tacho DC (std) **A0** = Armature (opt) **E0** = Enc. (opt)

CONTROL MODE: RD = Diff. reference (std) **PD** = PWM + Direct (opt)
IO = Demand current (torque modes) (opt)

SHR - 200 / 200 - S - N

DUMPING LINE

MODEL:
60 - 140 - 200

SIZE:
50 - 100 - 200 (internal resistors)
400 - 800 (external resistors)

PROTECTION:
S = Standard - **T** = Tropicalized

CUSTOM MADE:
N = Standard - **S** = Special

RKM 04 / 36 M 050 A - RX - S - V00 - N - 94090339

RACK LINE

SLOTS NUMBER (2 to 11):
Axis slot + dumping slot

WIDTH: (TE) (e.g. 36 = 36 TE)

POWER SUPPLY MODE: M = 1 ph **T** = 3 ph

MAX CONTINUOUS DC-BUS CURRENT(ADC):(e.g. 050 = 50ADC)

BUS VOLTAGE: A = for MS60 **B** = for MS140 **C** = for MS200

DUMPING SLOT CONFIGURATION: **RX** = for SHR with int. resistors (std)
RR = for SHR with ext. resistors (opt) **R0** = w/out dumping slot (all slot for drives) (opt)

PROTECTION: S = Standard **T** = Tropicalized

RACK PART NUMBER

CUSTOM MADE:
N = Standard
C = Customized

FAN COOLING:
V00 = w/out fans
V10 = 110 VAC, fans (all slots)
V20 = 220 VAC, fans (all slots)
V30 = 24 VDC, fans (all slots)