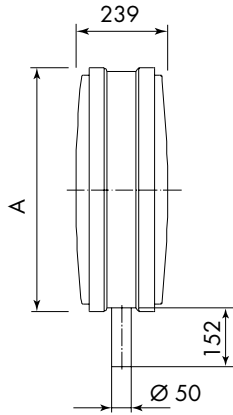
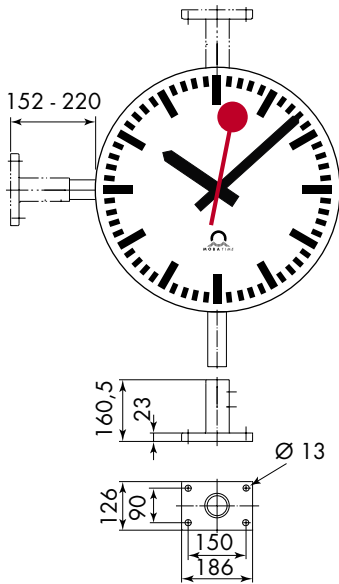


## METROLINE - Secondary clocks for indoor and outdoor use

Round, double sided, nominal diameter 50, 60, 80 cm. With or without illumination. Light metal housing, colour RAL 9006 white aluminum,

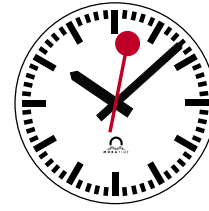
powder coated. Convex acrylic protection glass. White dial with black printing.



Standard dimensions (mm)



For all diameters, two different dial types are available



type 300

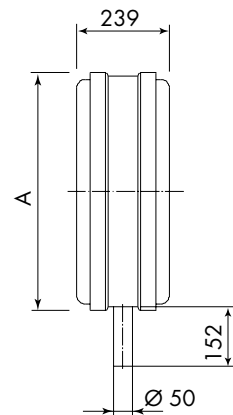
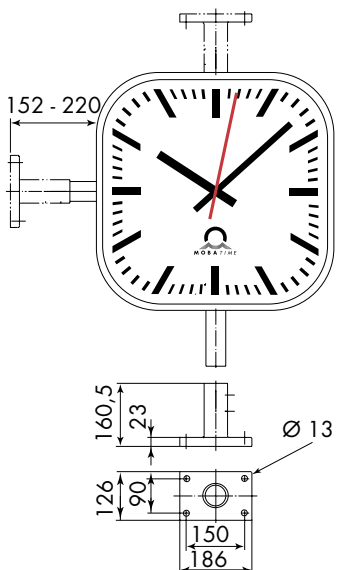


type 315

Nominal - Ø cm	A mm
50	534
60	634
80	834

Square, double sided, nominal diameter 50, 60 cm. With or without illumination. Light metal housing, colour RAL 9006 white aluminum,

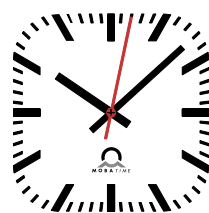
powder coated. Convex acrylic protection glass. White dial with black printing.



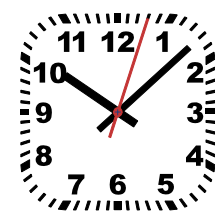
Standard dimensions mm



For all diameters, two different dial types are available



type 300



type 315

Nominal - Ø cm	A mm
50	513 x 513
60	613 x 613

# METROLINE

Example of ordering  
**MLB.FWU.50.300**

Order reference: **0** . **1** . **2** . **3** . **4**

Clock type		0
METROLINE, round, double-sided, without illumination		<b>ML</b>
METROLINE, round, double-sided, with illumination		<b>MLB</b>
METROLINE QUAD, double-sided, without illumination		<b>MLQ</b>
METROLINE QUAD, double-sided, with illumination		<b>MLQB</b>
Movement type		1
Minute pulse movement <b>NU 90t</b> , 24, 48 or 60 V <sup>(1)</sup> switchable	hour / min.	<b>A</b>
Minute pulse movement <b>NU 90t SYN</b> , 24, 48 or 60 V <sup>(1)</sup> switchable, with synchronous seconds 230 VAC / 50 Hz	hour / min. / sec.	<b>F</b>
Radio movement <b>FU 192t</b> with built-in DCF radio receiver unit for self-setting, independent operation. <b>Lithium battery (LIT) not included.</b> See movements series 192	hour / min.	<b>FWU</b>
Radio movement <b>BU 190t 230</b> incl. external DCF 77 radio receiver unit DCF 450 for self-setting, independent operation. Supplied by 230 VAC / 50-60 Hz	hour / min.	<b>SAA</b>
Radio movement <b>BU 190t S 230</b> incl. external DCF 77 radio receiver unit DCF 450 for self-setting, independent operation. Second hand continuous or soft step. Supplied by 230 VAC / 50-60 Hz	hour / min. / sec.	<b>SFA</b>
MOBALine-Movement <b>MLU 190t</b> for self-setting slave clocks. Controlled and supplied through <i>MOBALine</i>	hour / min.	<b>SAM</b>
MOBALine-Movement <b>MLU 190t S 48</b> for self-setting slave clocks. Controlled and supplied through <i>MOBALine</i> . Second hand continuous or soft step	hour / min. / sec.	<b>SFM</b>
MOBALine-Movement <b>MLU 190t S 230</b> for self-setting slave clocks. Controlled through <i>MOBALine</i> . Second hand continuous or soft step. Supplied by 230 VAC / 50-60 Hz	hour / min. / sec.	<b>SFM 230</b>
Timecode-Movement <b>BU 190t 230</b> for self-setting slave clocks. Controlled by serial time telegram on RS 232 / RS 422. Supplied by 230 VAC / 50-60 Hz	hour / min.	<b>SAS</b>
Timecode-Movement <b>BU 190t S 230</b> for self-setting slave clocks. Control by serial time telegram on RS 232 / RS 422. Second hand continuous or soft step. Supplied by 230 VAC / 50-60 Hz	hour / min. / sec.	<b>SFS</b>
Audio frequency-Movement <b>TBU 190t 230</b> for self-setting slave clocks. Controlled by audio frequency time code (IRIG-B, AFNOR or DCF/FSK). Supplied by 230 VAC / 50-60 Hz	hour / min.	<b>SAT</b>
Audio frequency-Movement <b>TBU 190t S 230</b> for self-setting slave clocks. Controlled by audio frequency time code (IRIG-B, AFNOR oder DCF/FSK). Second hand continuous or soft step. Supplied by 230 VAC / 50-60 Hz	hour / min. / sec.	<b>SFT</b>
Quartz movement <b>QU 192t</b> for independent operation. <b>Lithium battery (LIT) not incl.</b> See movements series 192	hour / min.	<b>QU</b>
GPS movement <b>GU192t</b> for self-setting independent operation. Controlled by GPS, incl. external miniature GPS antenna. <b>Lithium battery (LIT) not included.</b> See movements series 192	hour / min.	<b>GU</b>
Clock dimension		2
Ø 50 cm		<b>50</b>
Ø 60 cm		<b>60</b>
Ø 80 cm (not available for METROLINE QUAD)		<b>80</b>
Dial type		3
Dial with line marks, type 300		<b>300</b>
Dial with Arabic numerals, type 315		<b>315</b>
Option		4
Suspension rod 500 / 600 / 800 mm (800mm not possible for METROLINE QUAD)		<b>DA</b>

<sup>(1)</sup> Please specify impulse voltage with order