

# **KRK** KUMAGAI RIKI KOGYO

## Test Calendar

Model No. 2230-30FC-200E

Calendaring is performed in the finishing process of raw paper or coated paper. This process gives gloss to paper surface, improves smoothness, and adjusts sheet thickness. Various mechanical constructions and roll composition are used for specific purposes. They are classified broadly into three kinds of combination: metal and metal rolls (machine calendar), metal and elastic rolls (super calendar), and metal and resin rolls (soft or gloss calendar). It is desirable to select a test calendar most suitable for the intended purpose, considering many items including material used, paper width, linear pressure, temperature, pressurizing method, heating method, sheet paper or continuous paper.

### Super Calendar 30FC-200E

<b>Roll Composition</b>	two rolls (steel, elastic)
<b>Steel Roll</b>	190mm in diameter, surface length 340mm special alloy steel, surface hardness Hs 87°±3° hard chrome plated and polished
<b>Elastic Roll</b>	250mm in diameter, surface length 330mm; special white cotton roll (or resin roll)
<b>Effective Surface Length</b>	300mm
<b>Linear Pressure</b>	400 to 2,000N/cm steplessly variable (in 300mm width)
<b>Pressurization</b>	each sheet paper (unwinding/winding device is optional)
<b>Pressing Method</b>	pneumatic, pin joint
<b>Press Speed</b>	3 to 12m/min. steplessly variable
<b>Roll Surface Temperature</b>	max. 120°C
<b>Roll Heating Heater</b>	electric, with heater inside steel roll each sheet paper (unwinding/winding device is optional)
<b>Temperature Control</b>	PID control (optional slide regulator)
<b>Roll Driving Motor</b>	three-phase 200V 50/60Hz 1.5kW 7A
<b>Accessory</b>	one set of control panel
<b>Power Source</b>	three-phase 200/220VAC 50/60Hz 15A
<b>Air Source</b>	0.5MPa
<b>Outer Dimensions</b>	calendar: 1,480×970×1,610mm control panel: 735×670×1,230mm
<b>Instrument Weight</b>	calendar: 931kg control panel: 95kg



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