

**6.7 Balance measurement in elevators with V<sup>3</sup>F25 drive**

Step	Action	Note
1	Measure the voltage between MEAS test point and AGND on HCB board. This voltage is equivalent to the motor current.	<p>Measuring points on <b>HCB board</b>:</p>
2	Drive the empty car downwards and with rated load upwards.	Use rated speed. Measure these values at same level in the elevator shaft.
3	Record values.	The difference of the measurements may be about 5 %.
4	If the difference is more than 5 %, recheck the elevator mechanical balancing. Check also the adjustment of guide shoes or rollers against the guide.	

V <sup>3</sup> F25 drive, nominal current	CMB board Pass through	MEAS test point 1 VAC equals
40 A, 782999G01	2	30 A
80 A, 782999G02	1	60 A
100 A, 782999G04	1	80 A