

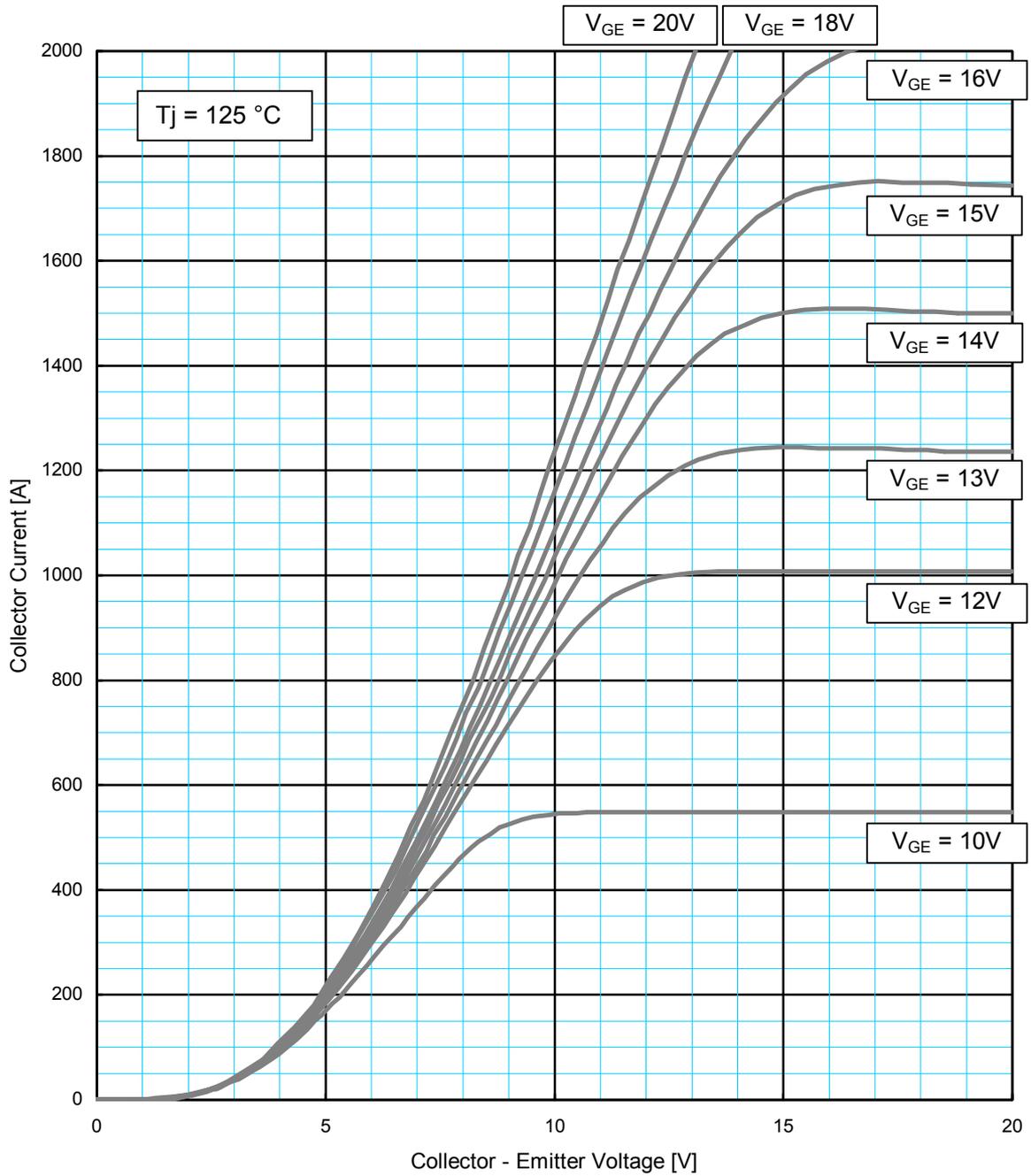
SECURITY CODE	<b>A</b>	MITSUBISHI ELECTRIC CORPORATION							
Spec. NAME Application Note	Prepared by	S.lura	R E V	A		B		C	
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	Approved by	Y.Konishi							
	DATE	29-Oct.-2004							

## Data Sheet

### (CM200HG-130H)

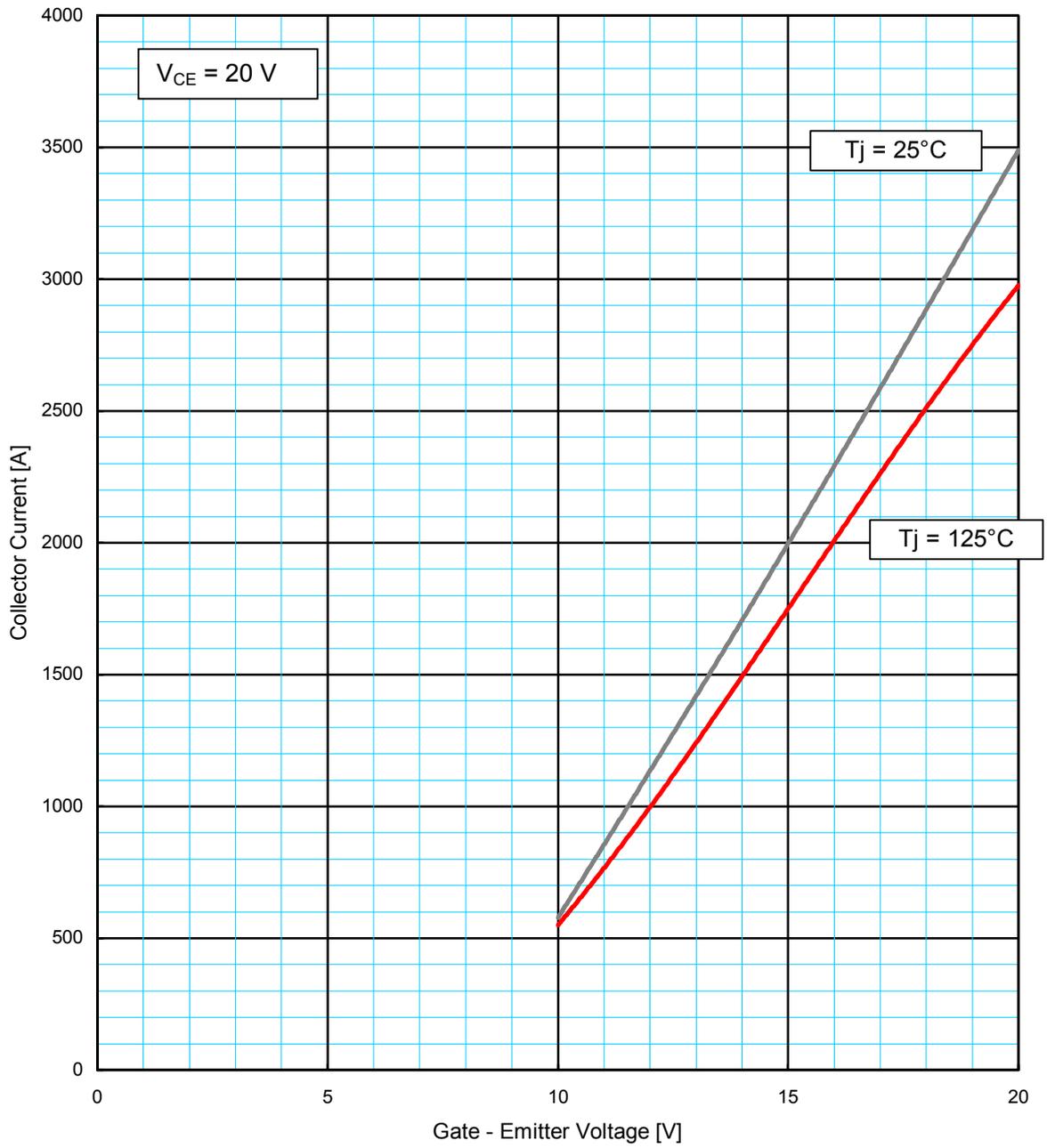
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1. Output characteristics



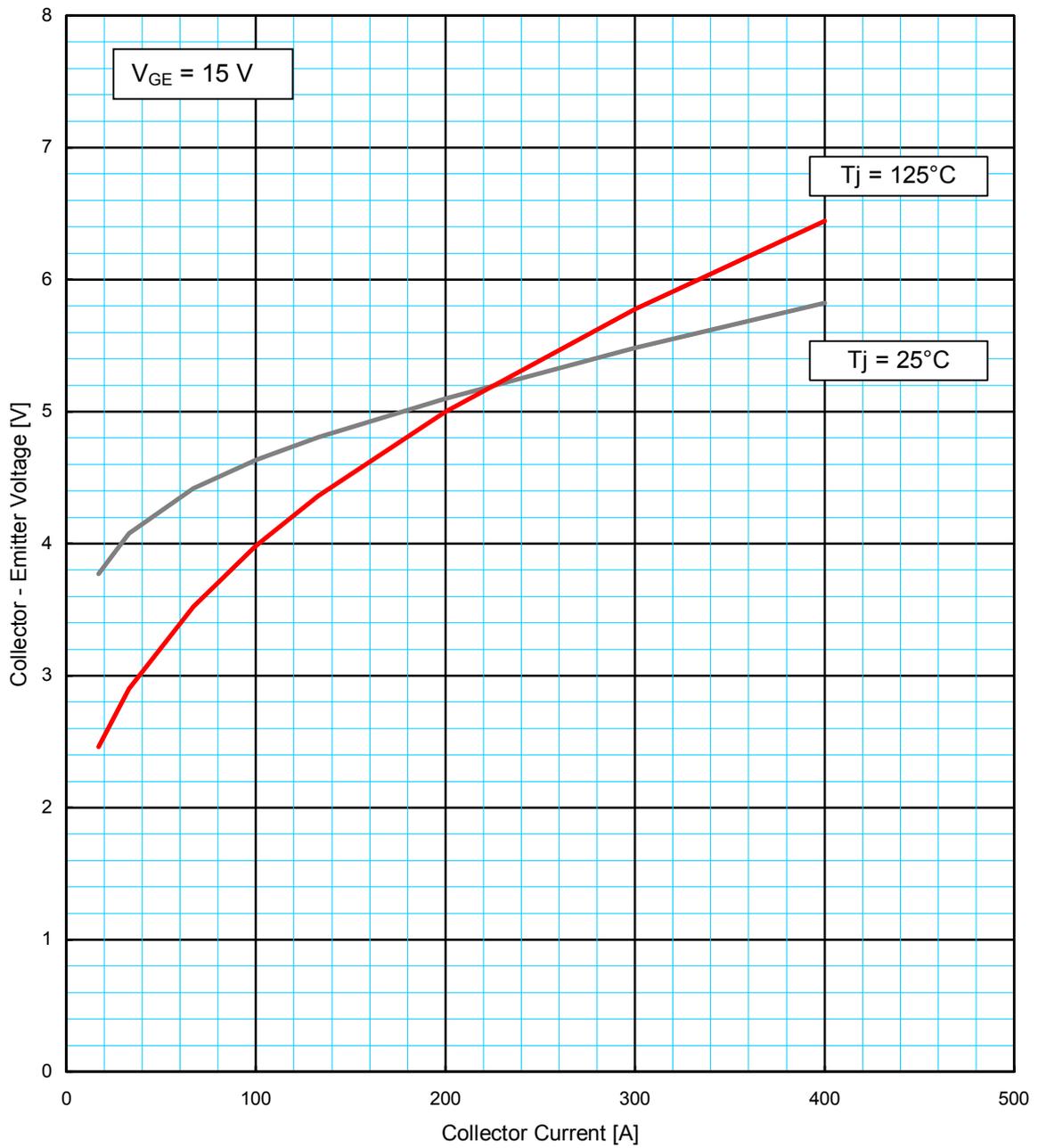
Output characteristics (typical)

2. Transfer characteristics



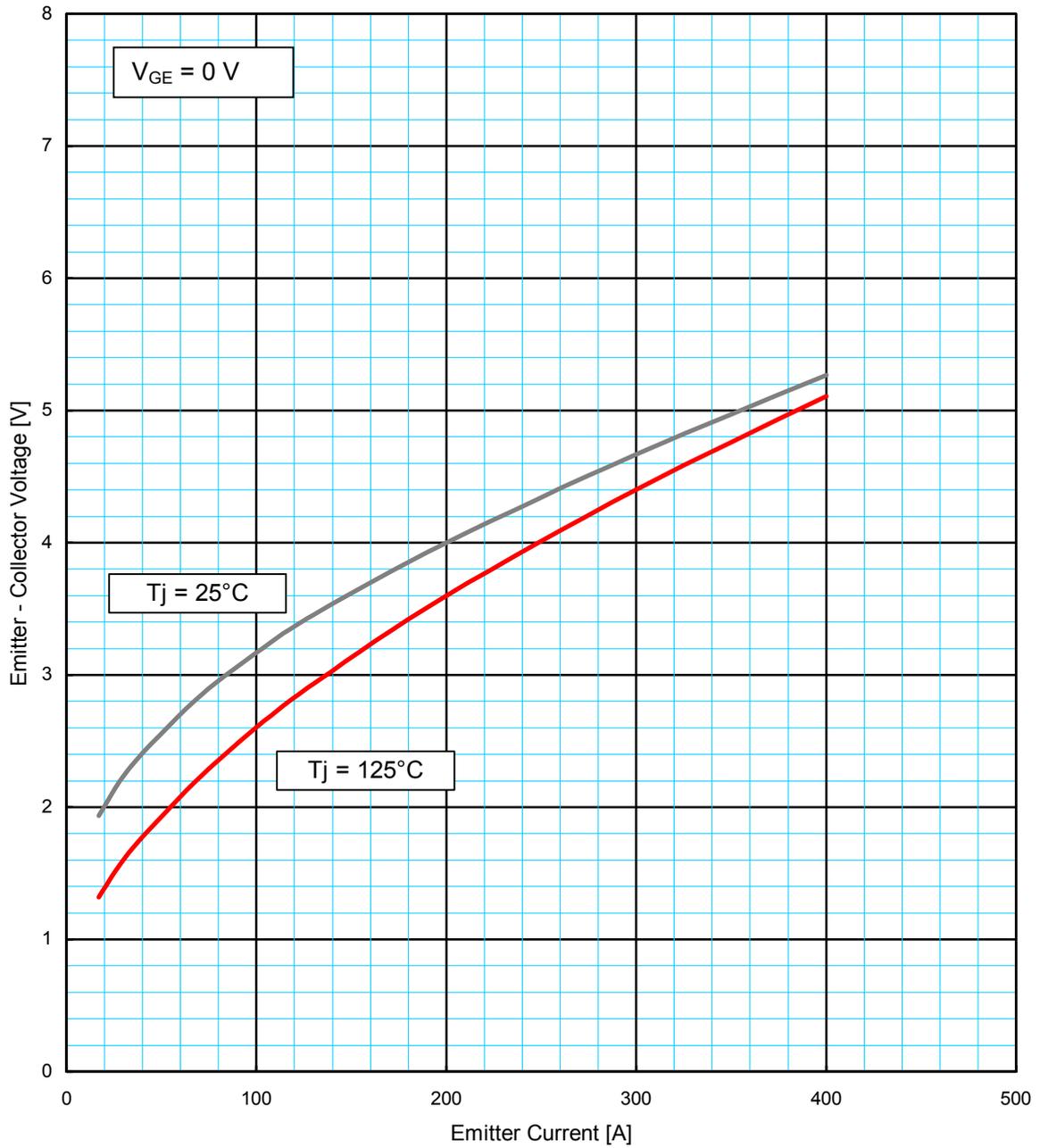
Transfer characteristics (typical)

3. Collector-Emitter saturation voltage characteristics



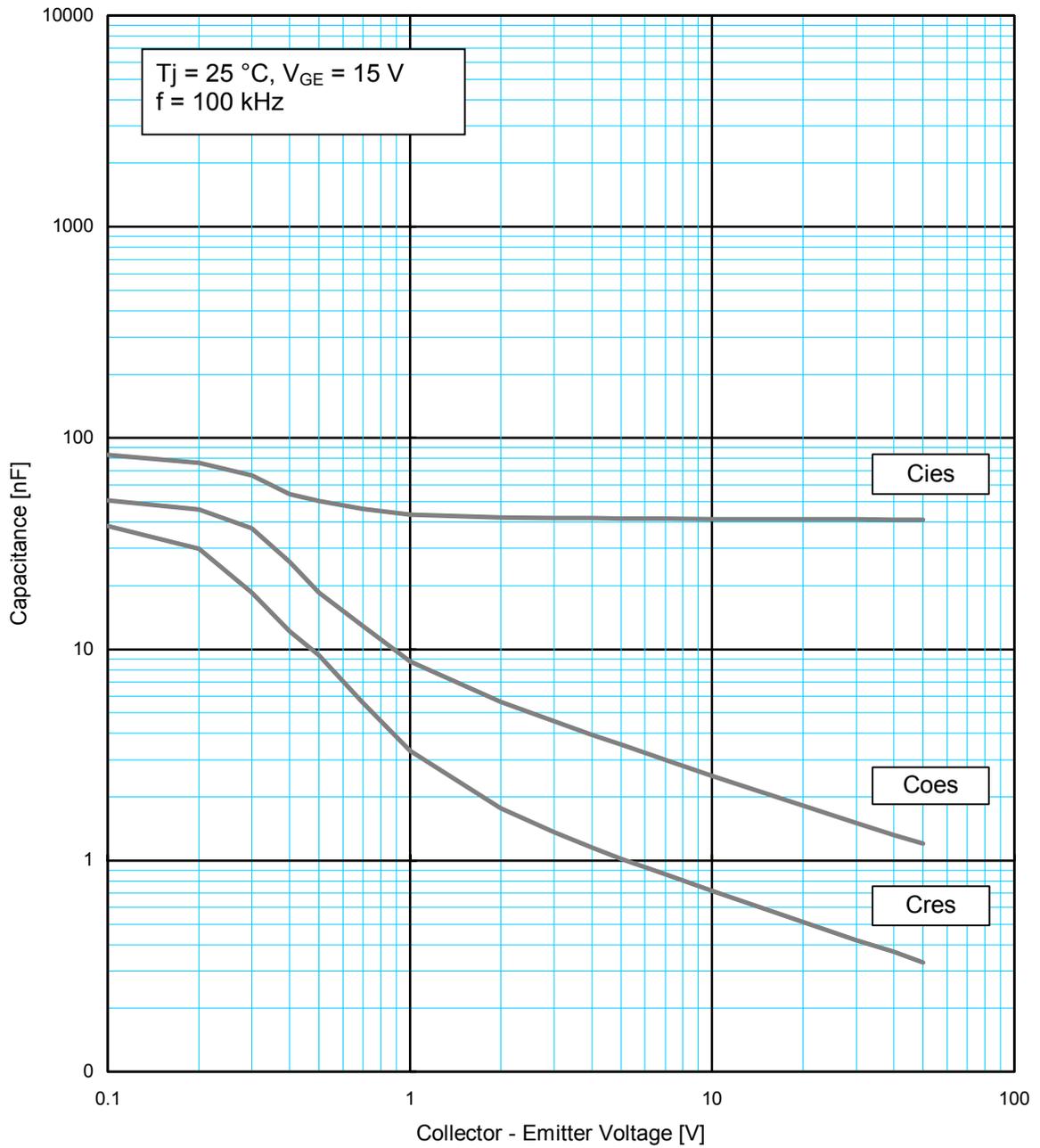
Collector-emitter saturation voltage characteristics (typical)

4. Free-Wheel Diode forward characteristics



Free wheel diode forward voltage characteristics (typical)

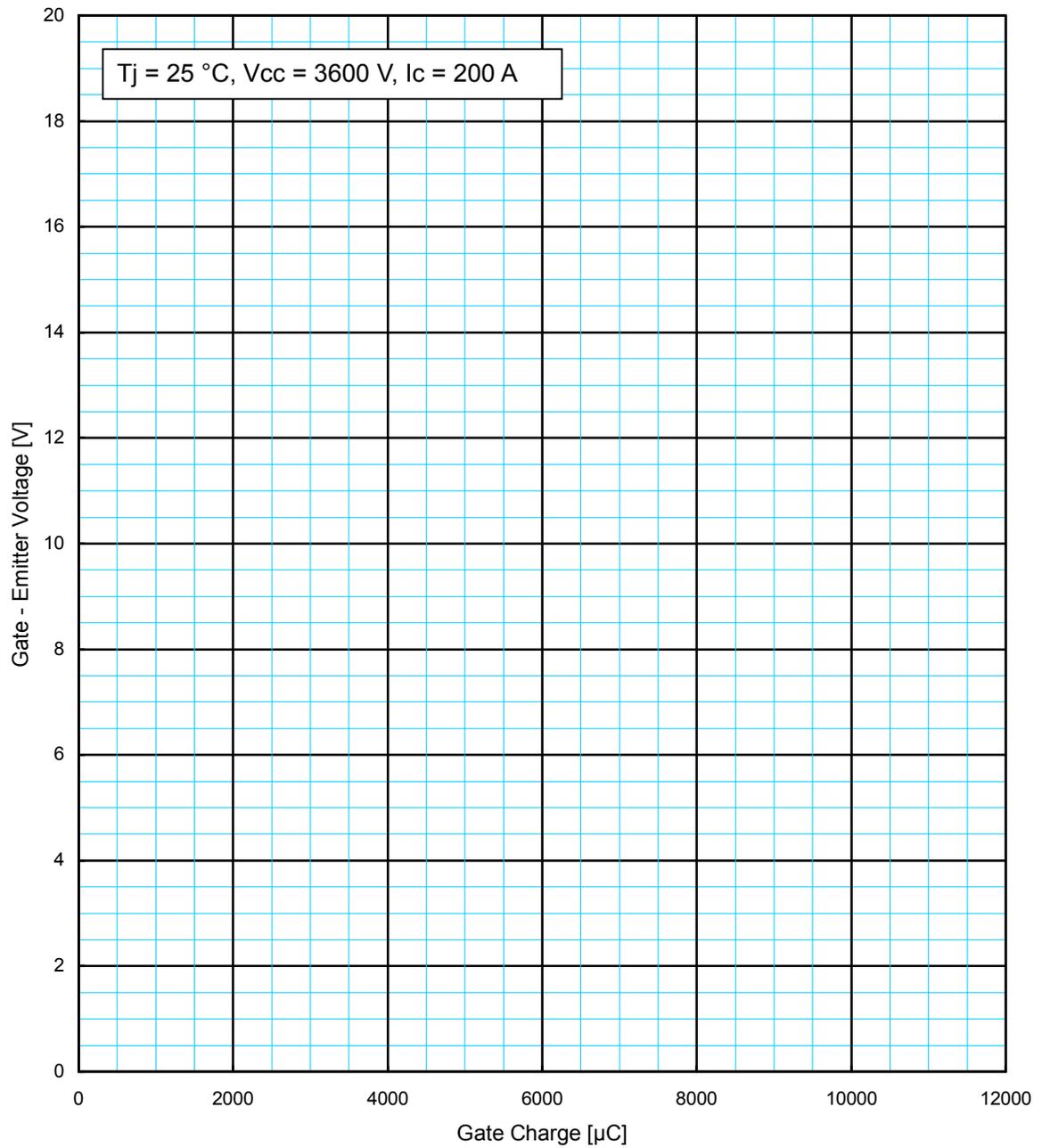
5. Capacitance characteristics



Capacitance characteristics (typical)

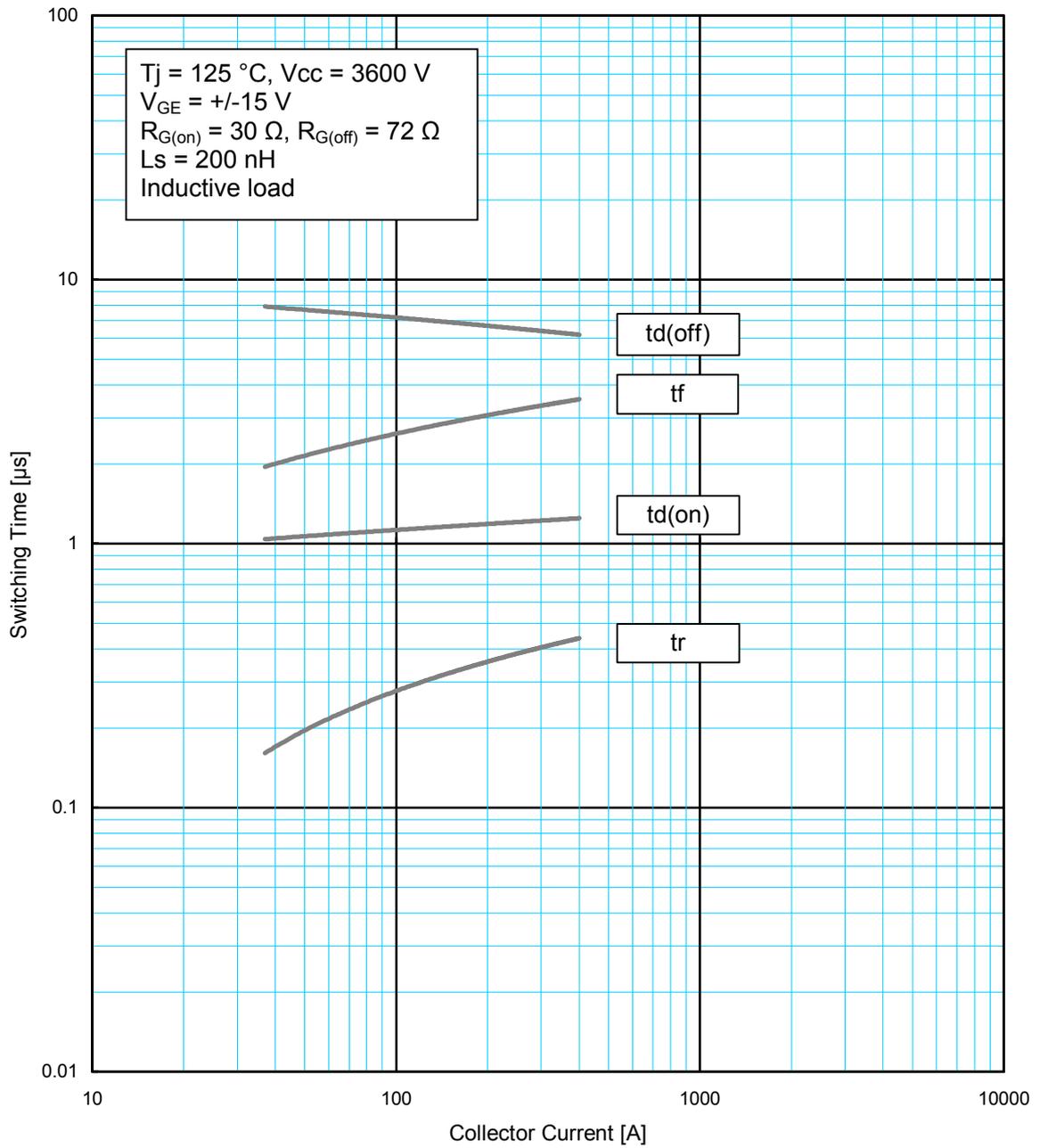
6. Gate charge characteristics

t.b.d



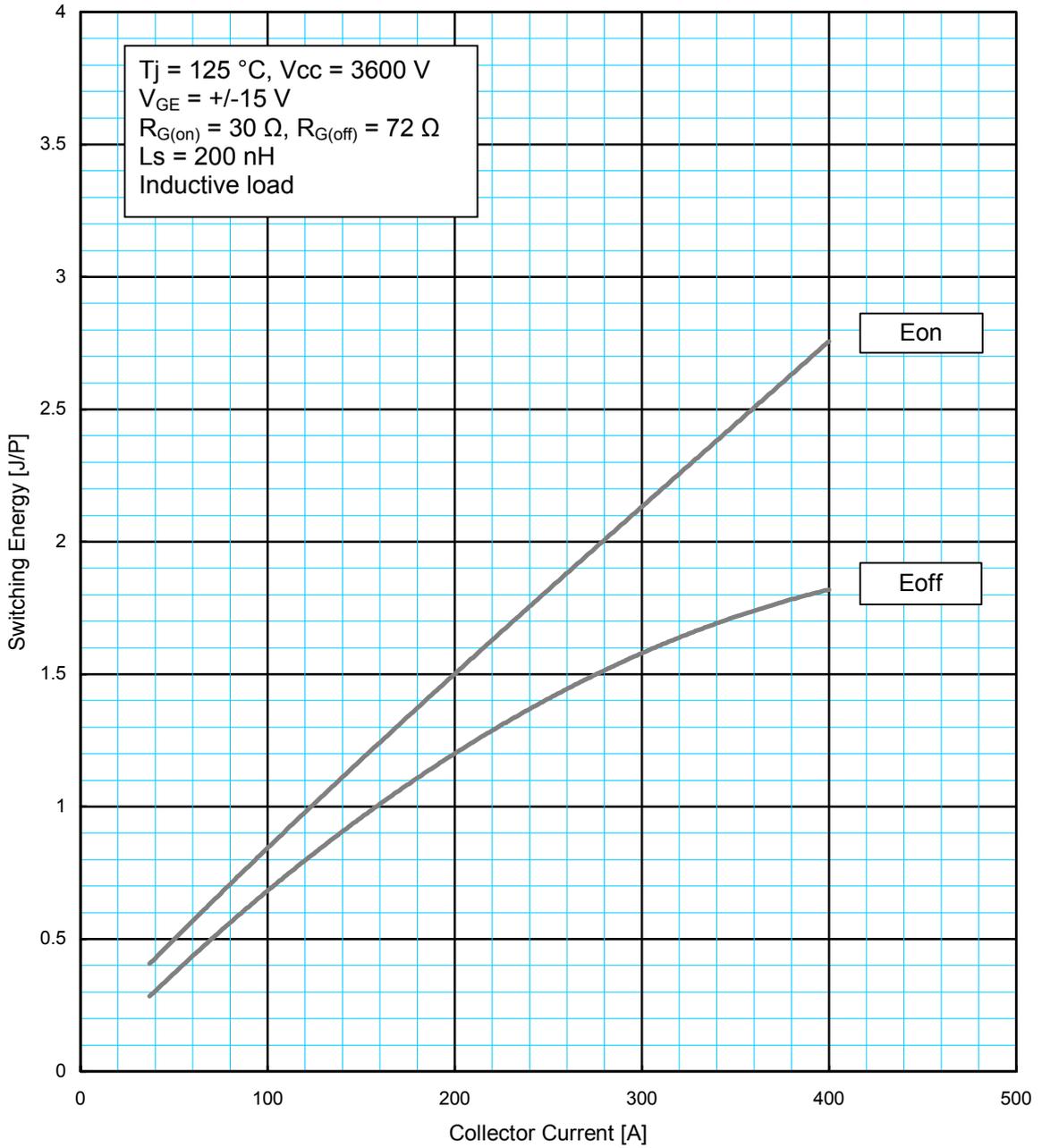
Gate charge characteristics (typical)

7. Half-bridge switching time characteristics

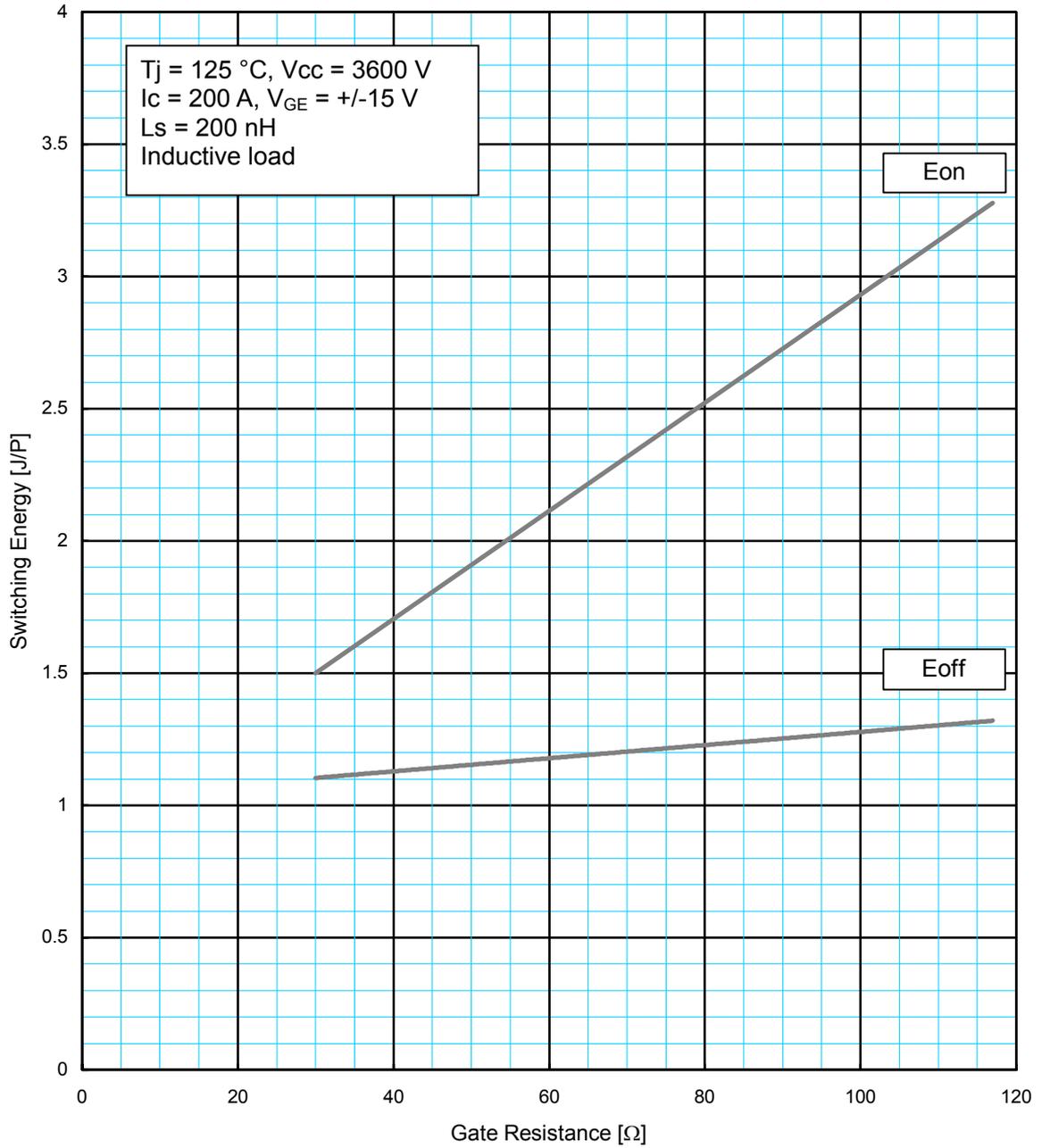


Half-bridge switching time characteristics (typical)

8. Half-bridge switching energy characteristics

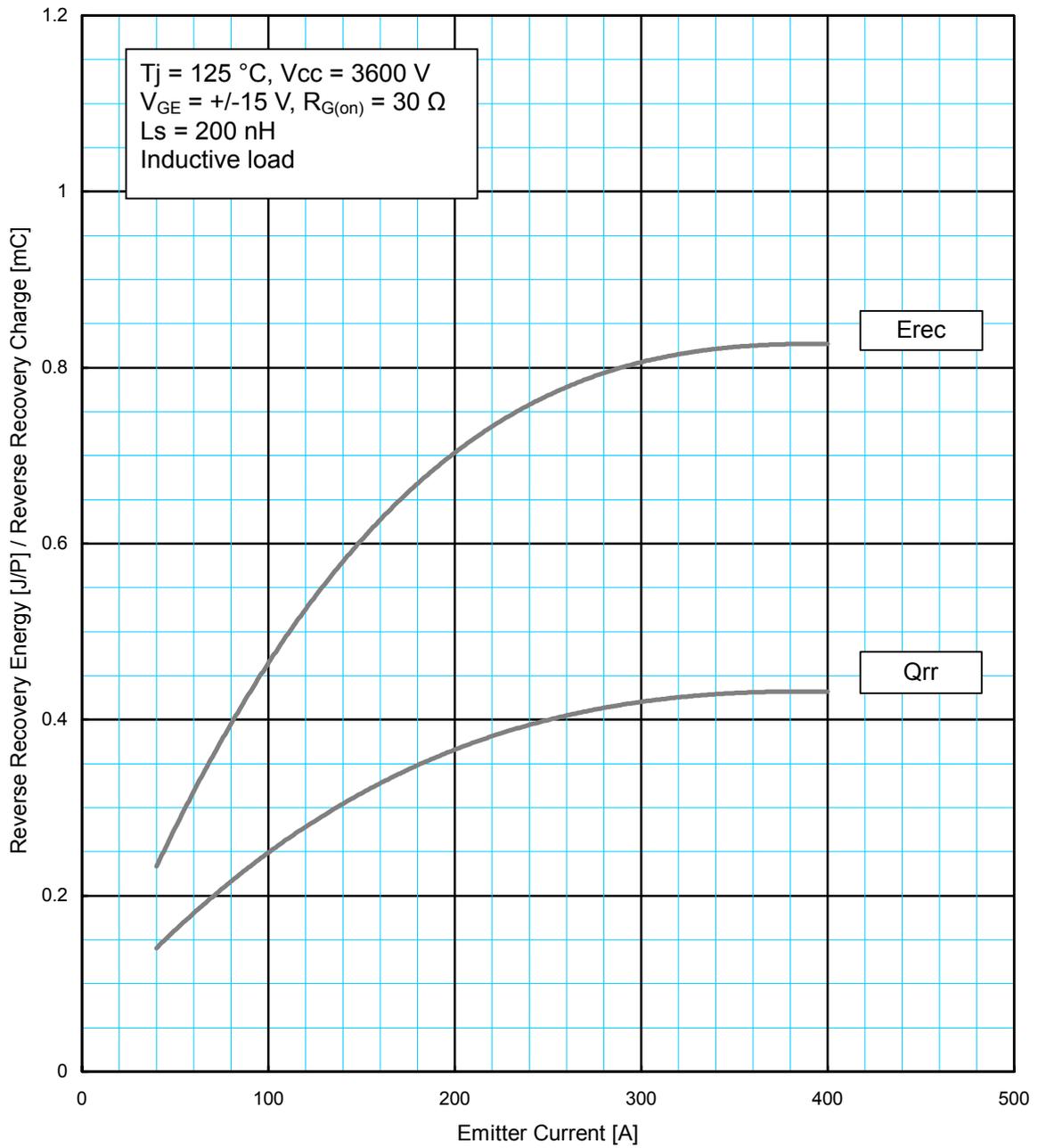


Half-bridge switching energy characteristics (typical)

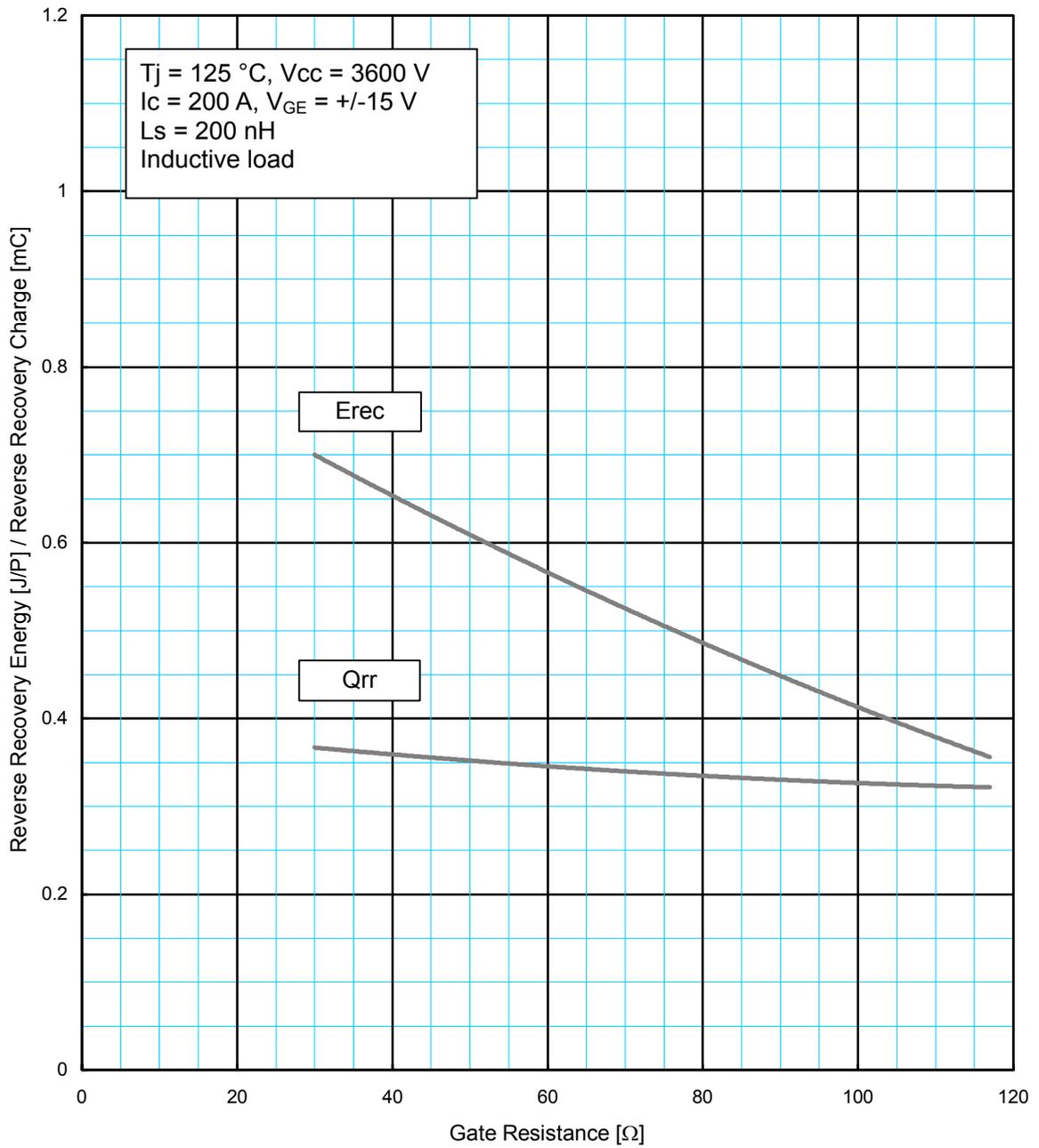


Half-bridge switching energy characteristics (typical)

9. Free-Wheel Diode reverse recovery characteristics

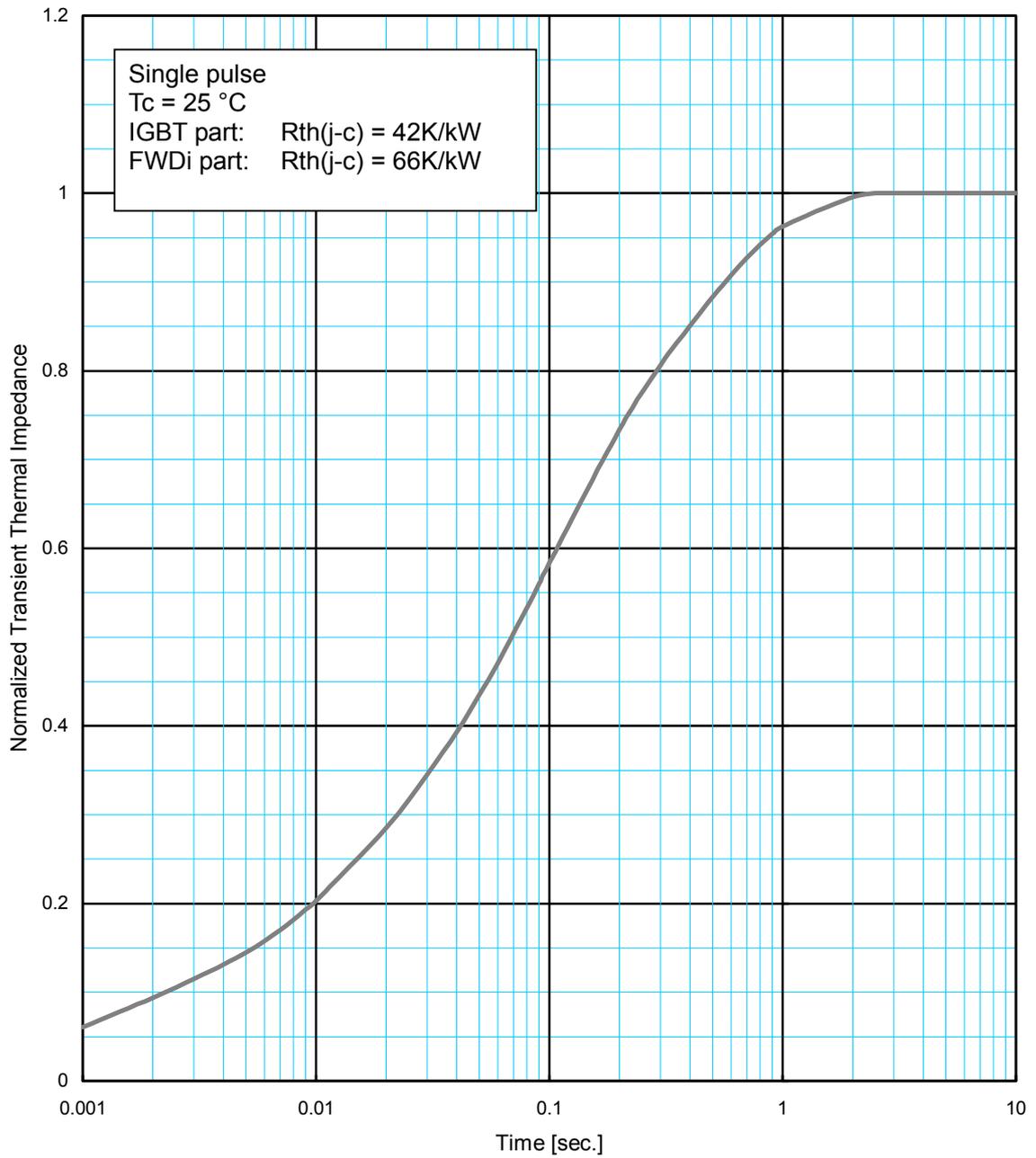


Free-Wheel diode reverse recovery characteristics (typical)



Free-Wheel diode reverse recovery characteristics (typical)

10. Transient thermal impedance characteristics



Transient thermal impedance characteristics