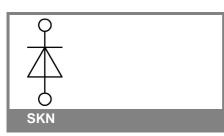
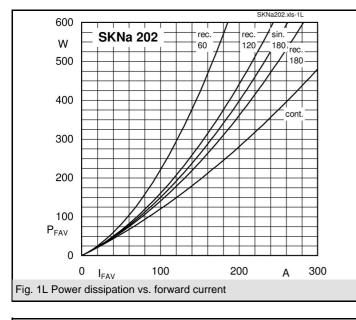
SKNa 202

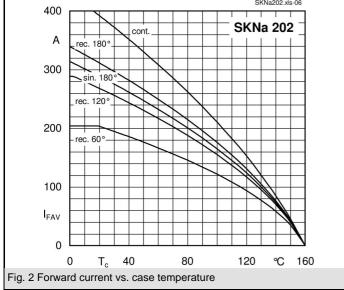
	V _{(BR)min}	I _{FRMS} = 500 A (maximum value for continuous operation)	C _{max}	R _{min}
and a los	V	$I_{FAV} = 200 \text{ A} (\sin . 180; T_c = 80 ^{\circ}\text{C})$	μF	Ω
	3600	SKNa 202/36	μ.	
	4000	SKNa 202/40		
	4200	SKNa 202/42		
3 Pr	4500	SKNa 202/45		
	4600	SKNa 202/46		
	4800	SKNa 202/48		
	5000	SKNa 202/50		
Stud Diode				
	Symbol	Conditions	Values	Units
Avalanaha Diada	I _{FAV}	sin. 180 ; T _c = 80 (100) °C	200 (165)	A
Avalanche Diode		K 0,55; T _a = 45 °C; B2 / B6	208 / 296	А
	I _D	$K 0,55F; T_a = 35 $ °C; B2 / B6	340 / 478	A
SKNa 202	1	$T_{vi} = 25 \text{ °C}; 10 \text{ ms}$	3800	A
	I _{FSM}	$T_{vi} = 160 \text{ °C}; 10 \text{ ms}$	3100	A
	i²t	$T_{vi} = 25 \text{ °C}; 8,3 \dots 10 \text{ ms}$	72000	A ² s
		$T_{vi} = 160 \text{ °C}; 8,3 \dots 10 \text{ ms}$	48000	A ² s
Publish Data	V _F	$T_{vi} = 25 \text{ °C; } I_F = 600 \text{ A}$	max. 1,95	V
r ublish Data	V _(TO)	$T_{vi} = 150 \text{ °C}$	max. 1	V
	r _T	$T_{vi}^{vj} = 150 \ ^{\circ}C$	max. 2	mΩ
Features	I _{RD}	T_{vj}^{vj} = 25 °C; V_{RD} = $V_{(BR)min}$	max. 2000	μA
		$T_{vi} = 160 \text{ °C}; V_{RD} = V_{(BR)min}$;	max. 35	mA
Avalanche type reverse characteristic	P _{RSM}	$T_{vj} = 160 \text{ °C}; t_p = 10 \text{ µs}$	60	kW
	R _{th(j-c)}		0,2	K/W
Reverse voltages up to 5000 V	R _{th(c-s)}		0,03	K/W
Hermetic metal case with ceramic	T _{vj}		- 40 + 160	°C
insulator and extra long creepage distances	T _{stg}		- 40 + 160	°C
	V _{isol}		-	V~
Threaded stud ISO M16 x 1,5	Ms	to heatsink	30	Nm
Cooling via heatsinks			270	lb.in.
SKN: Anode to stud	а		5 * 9,81	m/s²
Typical Applications	m	approx.	260	g
High voltage rectifier diode for	Case		E 45	

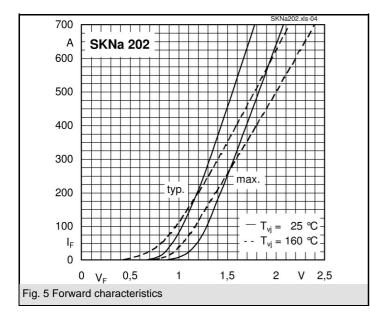
- traction and heavy duty applications Series connections for high voltage applications
- Non-controllable and half-controllable rectifiers
- Free-wheeling diodes

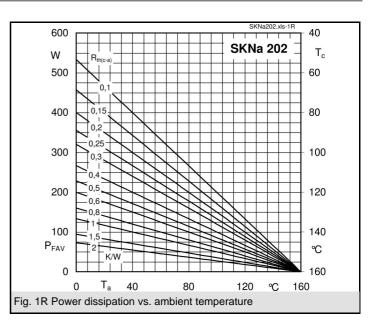


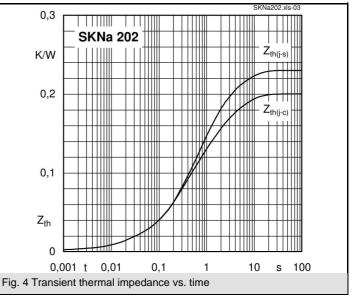
SKNa 202

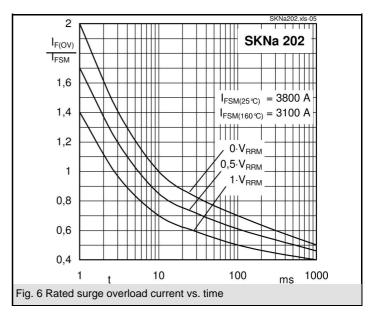




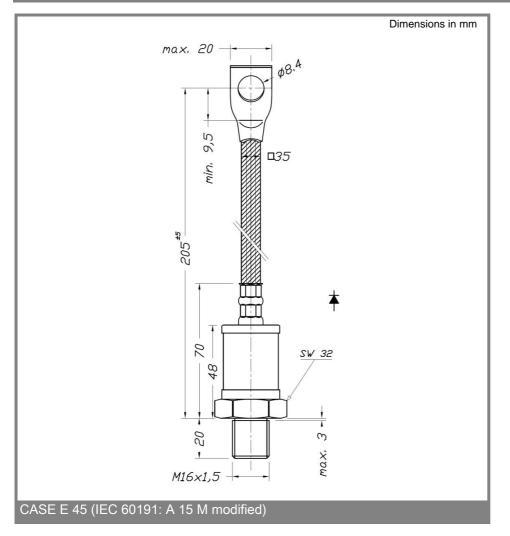








SKNa 202



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