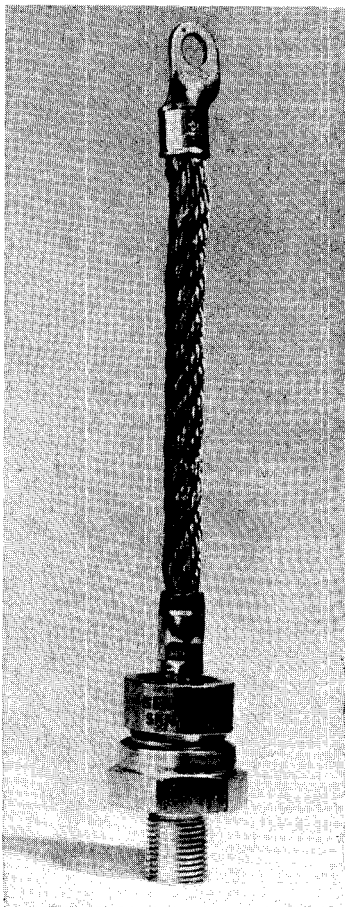
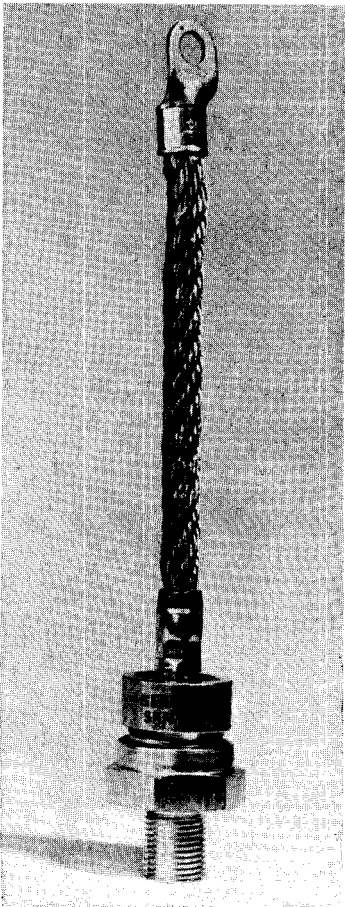


	SKN 170/04 SKR 170/04*	SKN 170/08 SKR 170/08*	SKN 170/12 SKR 170/12*	SKN 170/14 SKR 170/14*	SKN 170/16 SKR 170/16*
V _{RSM} V _{RRM}	400 V 400 V	800 V 800 V	1200 V 1200 V	1400 V 1400 V	1600 V 1600 V
I _{FAV} I _{FRMS} I _{FAV}	(T _{case} = 100 °C, sin. 180 °el) (T _{case} = 125 °C, sin. 180 °el) (sin. 180 °el) (rec. 120 °el)	220 A 170 A 95 A 90 A	350 A K 1,1 140 A 130 A	 K 0,55 180 A 170 A	 K 1,1 F
I _{FSM} i ² t	(T _{vi} = 25 °C) (T _{vi} = 180 °C)	3500 A 3000 A			
	(T _{vi} = 180 °C, ≥ 10 ms) (T _{vi} = 180 °C, 5 ms)	45 000 A²s 33 000 A²s			
I _R V _F V _(TO) r _f t _{rr} Q _{rr}	(T _{vi} = 25 °C, 70 % V _{RRM}) (I _F = 1500 A) (T _{vi} = 25 °C) (T _{vi} = 25 °C) (T _{vi} = 25 °C) (T _{vi} = 150 °C)	max. 0,7 mA max. 2,0 V 0,85 V 1 mΩ typ. 20 μs typ. 150 μC			
R _{thjc} R _{thch} T _{vi} T _{stg}	typ. 0,26 °C/W typ. 0,03 °C/W - 40 ... + 180 °C - 55 ... + 180 °C				
M a w RC R _p Ex	30 Nm 5 · 9,81 m/s² ca. 250 g 0,5 μF + 30 Ω (2 W) 50 kΩ (20 W) SKN 170/08				





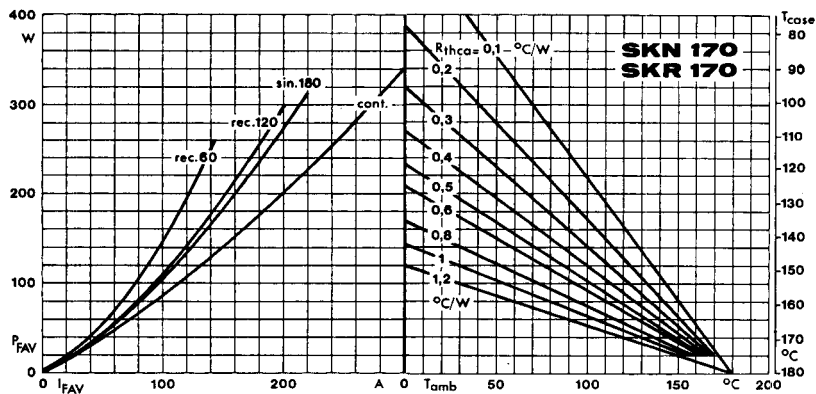


Fig. 1

	$R_{\theta JA}$
K 1,1	1,1 °C/W
K 0,55	0,55 °C/W
K 1,1 F	0,35 °C/W
K 0,55 F	0,17 °C/W
K 1,3	1,3 °C/W
K 1,3 F	0,40 °C/W
K 1	1,0 °C/W
K 1 F	0,25 °C/W

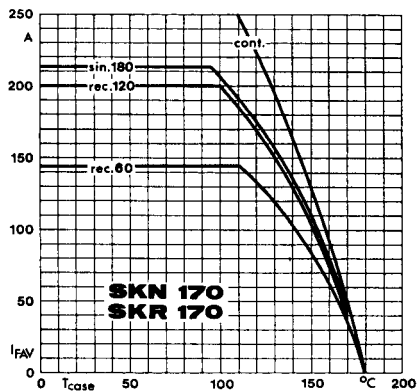


Fig. 2

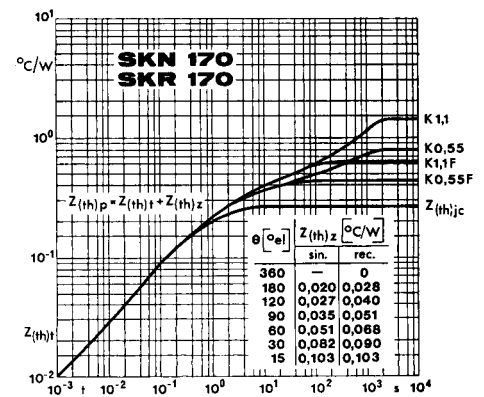


Fig. 3

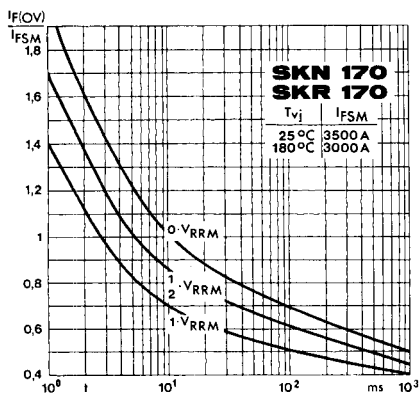


Fig. 4

S0: IEC-Publ. 191-2: (A 15 MF)
DIN 41 888: (106 B 2)
BS 3934: (S0-42)
JEDEC: (D0-9)

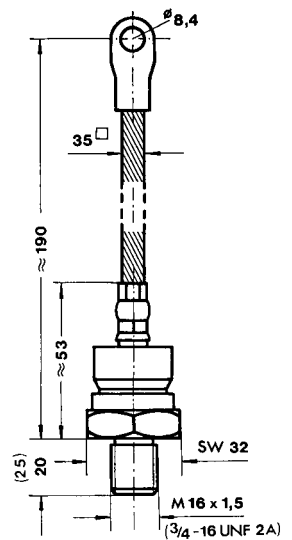


Fig. 11