

# Fast thyristors

Type	$V_{DRM}$ $V_{RRM}$ V	$I_{TRMS}$ A	$I_{TSM}$ 25°C, 10 ms A	$\int I^2 dt$ 25°C, 10 ms A <sup>2</sup> s	$(dw/dt)_{cr}$ V/ $\mu$ s	$(di/dt)_{cr}$ A/ $\mu$ s	$t_{q\ max}$ $\mu$ s	$T_{j\ max}$ °C	$R_{th\ JC}$ K/W	Fig.
BStP61 13	200	1730	16000	1300000	200 S9: 500	200	f: 15 g: 18	140	0,03	1
BStP61 20	300									
BStP61 26	400									
BStP61 33	500									
BStP64 60	900	1300	10750	580000	500	200	k: 25 l: 30	125	0,04	2
BStP64 80	1200									
BStP64 86	1300									
BStQ63120	1800	1300	9500	450000	500 S10:1000	200	n: 40 p: 50 q: 60	125	0,035	2
BStQ63133	2000									
BStQ64 80	1200	1500	11700	685000	500 S10:1000	400	k: 25	125	0,040	
BStQ64 86	1300									
BStQ64 93	1400									
BStR63120	1800	1700	20500	2100000	500 S10:1000	200	n: 40 p: 50 q: 60	120	0,020	3
BStR63133	2000									
BStR63H186	2800	1700	15900	1260000	1000	150	t: 120 u: 140	120	0,022	3
BStR63H200	3000									

# Asymmetric thyristors

BStR60110	1600/20	2000	20000	2000000	1000	800	k: 25 l: 30	125	0,02	3
BStR60120	1800/20									
BStR60133	2000/20									
BStR62166	2500/20	2200	20000	2000000	1000	700	q: 55	125	0,02	3
BStR62186	2800/20									

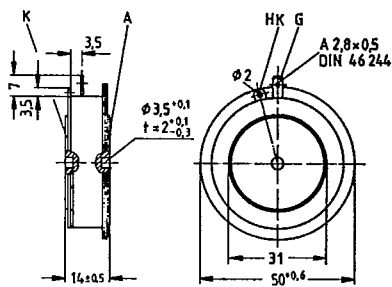


Fig. 1

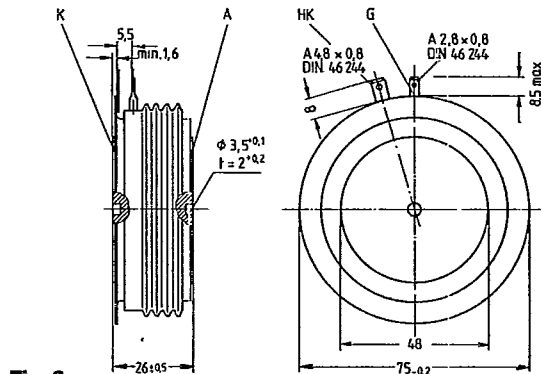


Fig. 3

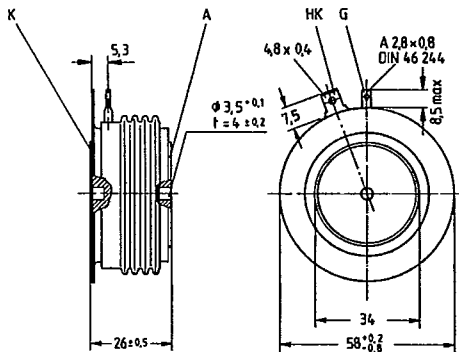


Fig. 2

Dimensions in mm