

Overview

Clamping Forces



Clamping Forces for Thyristor Discs

Typ	Recommended Clamping force range [kN]	Outline
T 281 N65 TOF	7,0...12,0	T58.26K
T 300 N...TOF	2,5...5,0	T42.14K0
T 360 N...TOF	5,0...10,0	T48.14K0
T 390 N...TOF	3,0...6,0	T42.14K0
T 420 N...TOF	5,0...10,0	T48.14K0
T 430 N...TOF	4,0...8,0	T42.14K0
T 460 N...TOF	7,5...17,5	T58.26K0
T 470 N...TOF	4,0...8,0	T42.14K0
T 533 N...TOH	15,0...24,0	T76.35L
T 560 N...TOF	5,0...10,0	T48.14K0
T 571 N65 TOF	15,0...24,0	T75.26K
T 580 N...TOF	3,0...6,0	T42.14K0
T 590 N...TOF	6,0...12,0	T58.26K0
T 600 N...TOF	15,0...24,0	T75.26K0
T 640 N...TOF	6,0...12,0	T48.14K0
T 660 N...TOF	10,5...21,0	T58.26K0
T 680 N...TOF	6,0...12,0	T48.14K0
T 690 N...TOF	4,0...8,0	T42.14K0
T 700 N...TOF	10,5...21,0	T58.26K0
T 720 N...TOF	9,0...18,0	T58.26K0
T 730 N...TOF	18,0...43,0	T75.26K0
T 731 N...TOH	15,0...24,0	T76.26K
T 740 N...TOF	10,5...21,0	T58.14K0
T 830 N...TOF	9,0...18,0	T58.14K0
T 860 N...TOF	20,0...45,0	T75.26K0
T 880 N...TOF	10,5...21,0	T58.26K0
T 901 N...TOF	15,0...24,0	T76.26K
T 920 N...TOF	5,5...8,0	T48.14K0
T 930 N...TOF	20,0...45,0	T75.26K0
T 940 N...TOF	10,5...21,0	T58.14K0
T 1040 N...TOF	16,0...32,0	T75.26K0
T 1060 N...TOF	30,0...50,0	T100.26K0
T 1080 N...TOF	8,0...16,0	T48.14K0
T 1081 N...TOH	36...52,0	T120.26K
T 1190 N...TOF	16,0...32,0	T75.26K0
T 1201 N...TOH	36,0...52,0	T120.35K
T 1220 N...TOF	20,0...45,0	T75.26K0
T 1330 N...TOF	20,0...45,0	T75.26K0
T 1401 N...TOH	36,0...52,0	T120.35K
T 1410 N...TOF	12,0...24,0	T58.14K0
T 1451 N...TOH	36,0...52,0	T120.35K
T 1500 N...TOF	24,0...56,0	T75.26K0
T 1503 N...TOH	63,0...91,0	T150.40L
T 1503 NH...TOH	63,0...91,0	T150.40L
T 1551 N...TOH	36,0...52,0	T120.26K
T 1590 N...TOF	30,0...65,0	T100.26K0
T 1601 N...TOF	36,0...52,0	T120.35K
T 1620 N...TOF	42,0...65,0	T111.26K0
T 1651 N...TOH	45,0...65,0	T120.35K
T 1800 N...TOF	42,0...95,0	T111.26K0
T 1851 N...TOH	45,0...65,0	T120.26K
T 1901 N...TOH	63,0...91,0	T150.35K
T 1930 N...TOF	42,0...95,0	T111.26K0
T 1960 N...TOF	30,0...65,0	T100.26K0
T 1971 N...TOH	36,0...52,0	T120.26K
T 2001 N...TOF	36,0...52,0	T120.26K

Typ	Recommended Clamping force range [kN]	Outline
T 2160 N...TOF	42,0...95,0	T111.26K0
T 2161 N...TOH	45,0...65,0	T120.35K
T 2180 N...TOF	30,0...65,0	T100.26K0
T 2251 N...TOH	63,0...91,0	T150.26K
T 2351 N...TOH	45,0...65,0	T120.26K
T 2480 N...TOF	42,0...95,0	T111.26K0
T 2510 N...TOF	24,0...56,0	T75.26K0
T 2563 N...TOH	90,0...130,0	T172.40L
T 2563 NH...TOH	90,0...130,0	T172.40L
T 2810 N...TOF	42,0...95,0	T111.26K0
T 2851 N...TOH	63,0...91,0	T150.35K
T 2871 N...TOH	90,0...130,0	T172.35K
T 3101 N...TOH	63,0...91,0	T150.35K
T 3160 N...TOF	42,0...95,0	T111.26K0
T 3011 N...TOH	90,0...130,0	T172.26K
T 3401 N...TOH	63,0...91,0	T150.35K
T 3441 N...TOH	63,0...91,0	T150.26K
T 3710 N...TOF	30,0...65,0	T100.26K0
T 3801 N...TOH	63,0...91,0	T150.26K
T 4003 N...TOH	90,0...130,0	T172.40L
T 4003 NH...TOH	90,0...130,0	T172.40L
T 4021 N...TOH	90,0...130,0	T172.35K
T 4301 N...TOF	63,0...91,0	T150.35K
T 4771 N...TOF	63,0...91,0	T150.26K

Clamping Forces for Diode Discs

Rectifier Diodes

Typ	Recommended Clamping force range [kN]	Disc diameter [mm]	Outline
D 270 N...T	3,2...7,6	58	D58.26K0
D 471 N...T	10,0...16,0	58	D58.26K
D 711 N...T	10,0...16,0	58	D58.26K
D 740 N...T	10,0...24,0	58	D58.26K0
D 770 N...T	3,2...7,6	42	D42.14K0
D 820 N...T	6,0...15,0	48	D48.14K0
D 850 N...T	10,0...24,0	58	D58.26K0
D 950 N...T	6,0...12,0	42	D42.14K0
D 970 N...T	3,8...7,6	42	D42.14K0
D 1030 N...T	10,0...24,0	58	D58.26K0
D 1050 N...T	10,0...24,0	58	D58.26K0
D 1230 N...T	6,0...15,0	48	D48.14K0
D 1481 N...T	15,0...36,0	75	D76.26K
D 1800 N...T	24,0...60,0	75	D75.26K0
D 2200 N...T	24,0...60,0	75	D75.26K0
D 2450 N...T	12,0...24,0	58	D58.14K0
D 2520 N...T	15,0...24,0	75	D75.26K0
D 2601 N...T	36,0...52,0	120	D120.26K
D 2601 NH...T	36,0...52,0	120	D120.26K
D 2650 N...T	24,0...60,0	75	D75.26K0
D 3001 N...T	36,0...52,0	120	D120.35K
D 3040 N...T	42,0...95,0	111	D111.26K0
D 3041 N...T	36,0...52,0	120	D120.26K
D 3501 N...T	36,0...52,0	120	D120.35K
D 4201 N...T	36,0...52,0	120	D120.35K
D 4810 N...T	42,0...95,0	111	D111.26K0
D 5201 N...T	63,0...91,0	150	D150.35K
D 5810 N...T	30,0...60,0	75	T75.26K0
D 6001 N...T	63,0...91,0	150	D150.26K
D 8320 N...T	40,0...80,0	100	D100.26K0

Clamping Forces for Diode Discs

Welding Diodes

Typ	Recommended Clamping force range [kN]	Disc diameter [mm]
25 DN 06	4,0...8,0	25
38 DN 06	20,0...30,0	38
46 DN 06	30,0...45,0	46
56 DN 06	40,0...60,0	56
56 DN 06 B01	40,0...60,0	56
65 DN 06	55,0...80,0	65

IGCT-Freewheeling Diodes

Typ	Recommended Clamping force range [kN]	Disc diameter [mm]	Outline
D 350 SH	15,0...24,0	75	D75.26K0
D 911 SH	27,0...45,0	100	D100.26K
D 931 SH	27,0...45,0	100	D100.26K
D 1031 SH	27,0...45,0	100	D100.26K
D 1121 SH	36,0...52,0	120	D120.26K
D 1130 SH	42,0...95,0	111	D111.26K0
D1131 SH	36,0...52,0	120	D120.26K
D 1330 SH	42,0...95,0	111	D111.26K0
D 1331 SH	36,0...52,0	120	D120.26K
D 1951 SH	55,0...91,0	150	D150.26K
D 1960 SH	42,0...95,0	111	D111.26K0
D 1961 SH	36,0...52,0	120	D120.26K

IGBT-Freewheeling Diodes

Typ	Recommended Clamping force range [kN]	Disc diameter [mm]	Outline
D 1301 SH	36,0...52,0	120	D120.26K

Fast Rectifier Diodes

Typ	Recommended Clamping force range [kN]	Disc diameter [mm]	Outline
D 450 S	3,2...7,6	42	D42.14K0
D 650 S	6,0...14,5	58	D58.26K0
D 690 S	10,0...24,0	58	D58.26K0