

Safety Instructions

Micropilot

FMR50/51/52/53/54/56/57

4-20 mA HART

Associated Safety Instructions (XA) on page 4



Micropilot FMR50/51/52/53/54/56/57

4-20 mA HART

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Zone 0, Zone 1: 2 channels 8

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Zone 1: 2 channels 27

Associated documentation

This document is an integral part of the following Safety Instructions:

ATEX, IECEX:
XA00677F/00

UK:
XA02383F/00

NEPSI:
XA01199F/00

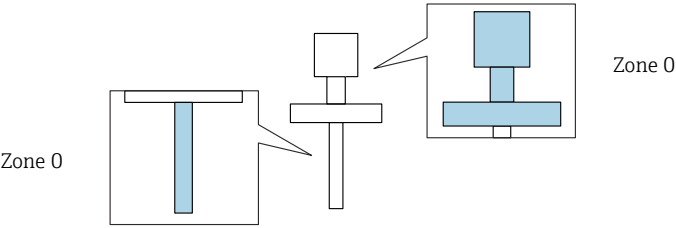
INMETRO:
XA01286F/00

KC:
XA01045F/00

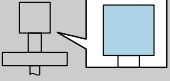
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XA01384F/00

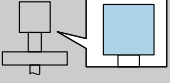
Zone 0: 1 channel

Position 3 = A, B, C: 1 channel used



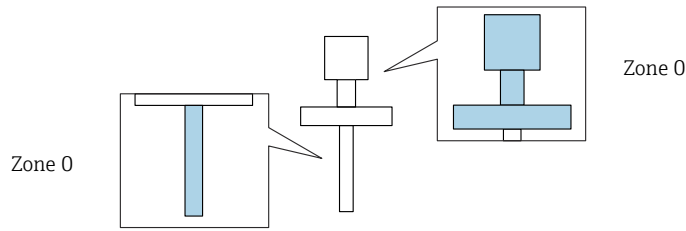
FMR5x

 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A	T6	-20	48	48	48	60	42	60	-20	-20	-20	-	-
		T5	-20	58	58	58	60	57	60	-20	-20	-20	-	-
	B	T6	-20	45	45	45	60	42	60	-20	-20	-20	-	-
		T5	-20	57	57	57	60	57	60	-20	-20	-20	-	-
		T4	-20	60	60	60	60	60	60	-20	-20	-20	-	-
	C	T6	-20	48	48	48	48	42	48	-20	-20	-20	-	-
		T5	-20	60	60	60	60	60	60	-20	-20	-20	-	-

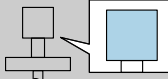
 = B, C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B	T6	-20	48	48	48	60	44	60	-20	-20	-20	-	-
		T5	-20	60	60	60	60	60	60	-20	-20	-20	-	-
	C	T6	-20	48	48	48	48	44	48	-20	-20	-20	-	-
		T5	-20	60	60	60	60	60	60	-20	-20	-20	-	-

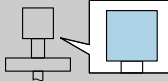
Zone 0: 2 channels

Position 3 = B, C: 2 channels used



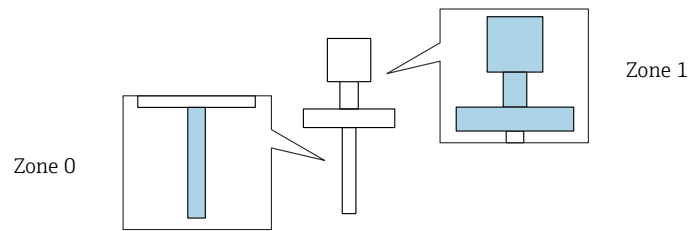
FMR5x

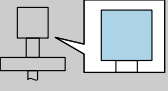
 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-20	31	31	31	60	24	60	-20	-20	-20	-	-
		T5	-20	43	43	43	60	39	60	-20	-20	-20	-	-
		T4	-20	56	56	56	60	55	60	-20	-20	-20	-	-
	C	T6	-20	41	41	41	41	36	41	-20	-20	-20	-	-
		T5	-20	53	53	53	53	51	53	-20	-20	-20	-	-
		T4	-20	60	60	60	60	60	60	-20	-20	-20	-	-

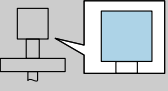
 = B, C	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-20	39	39	39	60	34	60	-20	-20	-20	-	-
		T5	-20	51	51	51	60	49	60	-20	-20	-20	-	-
	C	T6	-20	42	42	42	42	38	42	-20	-20	-20	-	-
		T5	-20	54	54	54	54	53	54	-20	-20	-20	-	-
		T4	-20	60	60	60	60	60	60	-20	-20	-20	-	-

Zone 0, Zone 1: 1 channel

Position 3 = A, B, C: 1 channel used

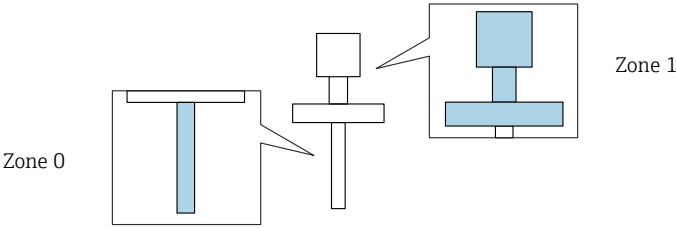
**FMR5x**

 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A	T6	-20	58	58	58	58	58	58	-40	-20	-40	-	-
		T5	-20	73	60	73	60	73	60	-40	-20	-40	-	-
		T4	-20	79	60	79	60	79	60	-40	-20	-40	-	-
	B	T6	-20	57	57	57	57	57	57	-40	-20	-40	-	-
		T5	-20	72	60	72	60	72	60	-40	-20	-40	-	-
	C	T6	-20	60	60	60	60	60	60	-40	-20	-40	-	-
		T5	-20	75	60	75	60	75	60	-40	-20	-40	-	-
		T4	-20	80	60	80	60	80	60	-40	-20	-40	-	-

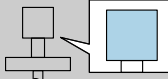
 = B, C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-20	60	60	60	60	60	60	-40 -50 ¹⁾	-20	-40 -50 ¹⁾	-	-
		T5	-20	75	60	75	60	75	60	-40 -50 ¹⁾	-20	-40 -50 ¹⁾	-	-
		T4	-20	80	60	80	60	80	60	-40 -50 ¹⁾	-20	-40 -50 ¹⁾	-	-

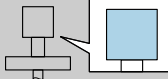
1) Only in connection with Optional specification, ID Jx = JN

Zone 0, Zone 1: 2 channels Position 3 = B, C: 2 channels used



FMR5x

 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-20	43	43	43	60	39	60	-40	-20	-40	-	-
		T5	-20	56	56	56	60	55	60	-40	-20	-40	-	-
	C	T6	-20	53	53	53	53	51	53	-40	-20	-40	-	-
		T5	-20	68	68	68	60	68	60	-40	-20	-40	-	-
		T4	-20	73	73	73	60	73	60	-40	-20	-40	-	-

 = B, C	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-20	51	51	51	51	49	51	-40 -50 ¹⁾	-20	-40 -50 ¹⁾	-	-
		T5	-20	66	60	66	60	66	60	-40 -50 ¹⁾	-20	-40 -50 ¹⁾	-	-
		T4	-20	75	60	75	60	75	60	-40 -50 ¹⁾	-20	-40 -50 ¹⁾	-	-
	C	T6	-20	54	54	54	54	53	54	-40 -50 ¹⁾	-20	-40 -50 ¹⁾	-	-
		T5	-20	69	60	69	60	69	60	-40 -50 ¹⁾	-20	-40 -50 ¹⁾	-	-
		T4	-20	78	60	78	60	78	60	-40 -50 ¹⁾	-20	-40 -50 ¹⁾	-	-

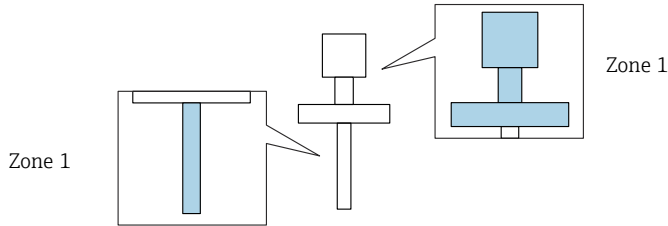
1) Only in connection with Optional specification, ID Jx = JN

Zone 1: 1 channel

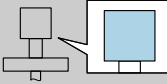
Position 3 = A, B, C: 1 channel used

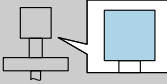
Page references to the temperature tables of the respective device types: See the following list.

- FMR50 → 9
- FMR51 → 10
- FMR52 → 14
- FMR53 → 16
- FMR54 → 18
- FMR56 → 24
- FMR57 → 25

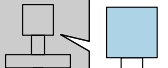


FMR50

 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B	T6	-40	57	57	57	80	54	80	-40	-40	-40	-	-
	C	T6	-40	60	60	60	80	55	80	-40	-40	-40	-	-

 = C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	80	58	80	-40	-40	-40	-	-

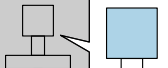
FMR51

 = A	(1)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-40	60	60	60	85	49	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	64	100	-40	-40	-40	-	-
		T4	-40	79	79	79	135	63	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	79	79	79	150	56	150	-40	-40	-40	-	-
	B	T6	-40	60	60	60	85	49	85	-40	-40	-40	-	-
		T5	-40	72	72	72	100	64	100	-40	-40	-40	-	-
		T4	-40	72	72	72	135	57	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	72	72	72	150	53	150	-40	-40	-40	-	-

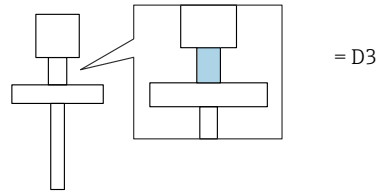
1) Functional: Maximum permissible process temperature

 = B	(1)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	54	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	69	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	68	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	80	80	80	150	65	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

 = C	(1)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	55	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	70	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	70	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	80	80	80	150	68	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

FMR51

= A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-40	60	60	60	85	54	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	69	100	-40	-40	-40	-	-
		T4	-40	79	79	79	135	71	135	-40	-40	-40	-	-
		T3	-40	79	79	79	200	56	200	-40	-40	-40	-	-
		T2 ¹⁾	-40	79	79	79	250	44	250	-40	-40	-40	-	-
	B	T6	-40	57	57	57	85	53	85	-40	-40	-40	-	-
		T5	-40	72	72	72	100	68	100	-40	-40	-40	-	-
		T4	-40	72	72	72	135	63	135	-40	-40	-40	-	-
		T3	-40	72	72	72	200	53	200	-40	-40	-40	-	-
		T2 ¹⁾	-40	72	72	72	250	44	250	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

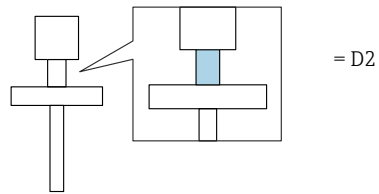
= B	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	57	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	72	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	74	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	67	200	-40	-40	-40	-	-
		T2 ¹⁾	-40	80	80	80	250	62	250	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

= C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	58	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	73	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	75	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	70	200	-40	-40	-40	-	-
		T2 ¹⁾	-40	80	80	80	250	66	250	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

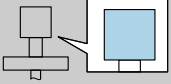
FMR51



= A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-196	60	60	60	85	52	85	-40	-40	-40	-196	9
		T5	-196	75	75	75	100	67	100	-40	-40	-40	-196	9
		T4	-196	79	79	79	135	69	135	-40	-40	-40	-196	9
		T3	-196	79	79	79	200	49	200	-40	-40	-40	-196	9
	B	T6	-196	60	60	60	85	52	85	-40	-40	-40	-196	9
		T5	-196	72	72	72	100	67	100	-40	-40	-40	-196	9
		T4	-196	72	72	72	135	61	135	-40	-40	-40	-196	9
		T3	-196	72	72	72	200	49	200	-40	-40	-40	-196	9

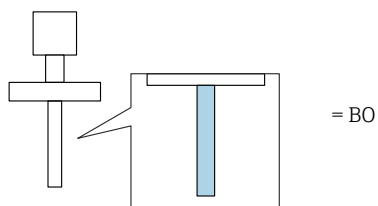
= B	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-196	60	60	60	85	56	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T5	-196	75	75	75	100	71	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T4	-196	80	80	80	135	72	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T3	-196	80	80	80	200	64	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T2	-196	80	80	80	300	50	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15

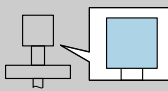
1) Only in connection with Optional specification, ID Jx = JN

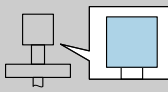
	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-196	60	60	60	85	57	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T5	-196	75	75	75	100	72	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T4	-196	80	80	80	135	74	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T3	-196	80	80	80	200	67	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T2	-196	80	80	80	300	56	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T1	-196	80	80	80	450	39	450	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾

1) Only in connection with Optional specification, ID Jx = JN

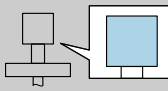
FMR52



 = A	(1)	P1			P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-40	60	60	60	85	51	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	66	100	-40	-40	-40	-	-
		T4	-40	79	79	79	135	66	135	-40	-40	-40	-	-
		T3	-40	79	79	79	200	42	200	-40	-40	-40	-	-
	B	T6	-40	60	60	60	85	51	85	-40	-40	-40	-	-
		T5	-40	72	72	72	100	66	100	-40	-40	-40	-	-
		T4	-40	72	72	72	135	59	135	-40	-40	-40	-	-
		T3	-40	72	72	72	200	42	200	-40	-40	-40	-	-

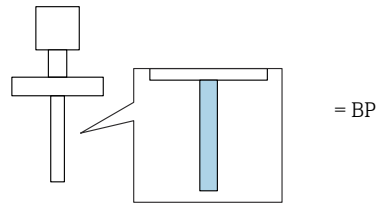
 = B	(1)	P1			P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-196	60	60	60	85	55	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3
		T5	-196	75	75	75	100	70	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3
		T4	-196	80	80	80	135	71	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3
		T3	-196	80	80	80	200	59	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3

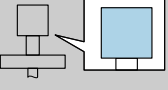
1) Only in connection with Optional specification, ID Jx = JN

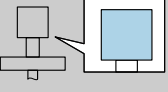
 = C	(1)	P1			P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-196	60	60	60	85	56	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14
		T5	-196	75	75	75	100	71	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14
		T4	-196	80	80	80	135	72	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14
		T3	-196	80	80	80	200	63	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14

1) Only in connection with Optional specification, ID Jx = JN

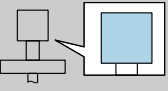
FMR52



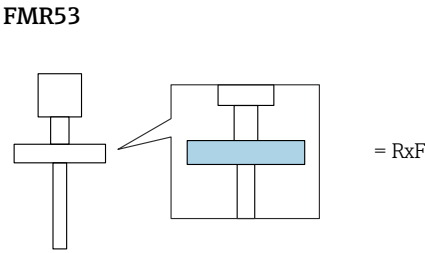
 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-40	60	60	60	85	49	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	64	100	-40	-40	-40	-	-
		T4	-40	79	79	79	135	64	135	-40	-40	-40	-	-
		T3	-40	79	79	79	200	36	200	-40	-40	-40	-	-
	B	T6	-40	60	60	60	85	49	85	-40	-40	-40	-	-
		T5	-40	72	72	72	100	64	100	-40	-40	-40	-	-
		T4	-40	72	72	72	135	57	135	-40	-40	-40	-	-
		T3	-40	72	72	72	200	36	200	-40	-40	-40	-	-

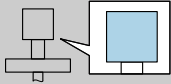
 = B	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-196	60	60	60	85	54	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10
		T5	-196	75	75	75	100	69	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10
		T4	-196	80	80	80	135	69	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10
		T3	-196	80	80	80	200	55	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10

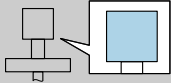
1) Only in connection with Optional specification, ID Jx = JN

 = C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-196	60	60	60	85	55	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8
		T5	-196	75	75	75	100	70	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8
		T4	-196	80	80	80	135	71	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8
		T3	-196	80	80	80	200	60	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8

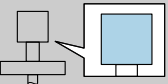
1) Only in connection with Optional specification, ID Jx = JN



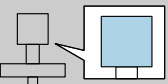
 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B	T6	-40	57	57	57	80	55	80	-40	-40	-40	-	-
	C	T6	-40	60	60	60	80	56	80	-40	-40	-40	-	-

 = B, C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	80	58	80	-40	-40	-40	-	-

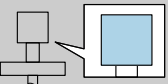
FMR53

 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-40	60	60	60	85	48	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	63	100	-40	-40	-40	-	-
		T4	-40	79	79	79	135	62	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	79	79	79	150	55	150	-40	-40	-40	-	-
	B	T6	-40	60	60	60	85	48	85	-40	-40	-40	-	-
		T5	-40	72	72	72	100	63	100	-40	-40	-40	-	-
		T4	-40	72	72	72	135	56	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	72	72	72	150	52	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

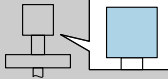
 = B	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	53	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	68	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	67	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	80	80	80	150	64	150	-40	-40	-40	-	-

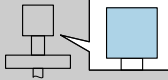
1) Functional: Maximum permissible process temperature

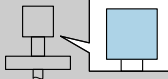
 = C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	54	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	69	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	70	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	80	80	80	150	67	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

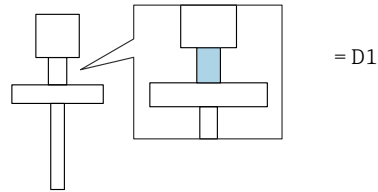
FMR54

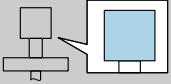
 = A	(1)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-40	60	60	60	85	48	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	63	100	-40	-40	-40	-	-
		T4	-40	79	79	79	135	61	135	-40	-40	-40	-	-
	B	T6	-40	60	60	60	85	48	85	-40	-40	-40	-	-
		T5	-40	72	72	72	100	63	100	-40	-40	-40	-	-
		T4	-40	72	72	72	135	55	135	-40	-40	-40	-	-

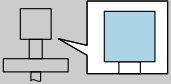
 = B	(1)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	53	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	68	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	67	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	51	200	-40	-40	-40	-	-

 = C	(1)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	54	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	69	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	69	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	56	200	-40	-40	-40	-	-

FMR54

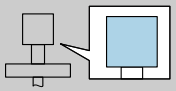


	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-196	60	60	60	85	51	85	-40	-40	-40	-196	18
		T5	-196	75	75	75	100	66	100	-40	-40	-40	-196	18
		T4	-196	79	79	79	135	66	135	-40	-40	-40	-196	18
		T3	-196	79	79	79	200	42	200	-40	-40	-40	-196	18
	B	T6	-196	60	60	60	85	51	85	-40	-40	-40	-196	18
		T5	-196	72	72	72	100	66	100	-40	-40	-40	-196	18
		T4	-196	72	72	72	135	59	135	-40	-40	-40	-196	18
		T3	-196	72	72	72	200	42	200	-40	-40	-40	-196	18

	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-196	60	60	60	85	55	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T5	-196	75	75	75	100	70	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T4	-196	80	80	80	135	71	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T3	-196	80	80	80	200	60	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T2 ²⁾	-196	80	80	80	280	46	280	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4

1) Only in connection with Optional specification, ID Jx = JN

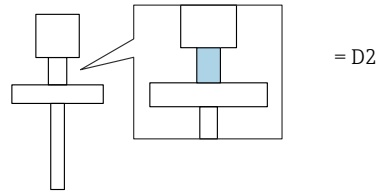
2) Functional: Maximum permissible process temperature

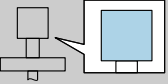
	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-196	60	60	60	85	56	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T5	-196	75	75	75	100	71	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T4	-196	80	80	80	135	72	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T3	-196	80	80	80	200	64	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T2 ²⁾	-196	80	80	80	280	53	280	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15

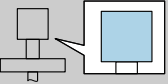
1) Only in connection with Optional specification, ID Jx = JN

2) Functional: Maximum permissible process temperature

FMR54

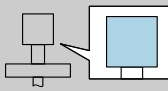


 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-196	60	60	60	85	52	85	-40	-40	-40	-196	11
		T5	-196	75	75	75	100	67	100	-40	-40	-40	-196	11
		T4	-196	79	79	79	135	69	135	-40	-40	-40	-196	11
		T3	-196	79	79	79	200	47	200	-40	-40	-40	-196	11
	B	T6	-196	60	60	60	85	52	85	-40	-40	-40	-196	11
		T5	-196	72	72	72	100	67	100	-40	-40	-40	-196	11
		T4	-196	72	72	72	135	60	135	-40	-40	-40	-196	11
		T3	-196	72	72	72	200	47	200	-40	-40	-40	-196	11

 = B	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-196	60	60	60	85	56	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T5	-196	75	75	75	100	71	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T4	-196	80	80	80	135	72	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T3	-196	80	80	80	200	62	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T2	-196	80	80	80	300	48	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T1 ²⁾	-196	80	80	80	400	31	400	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13

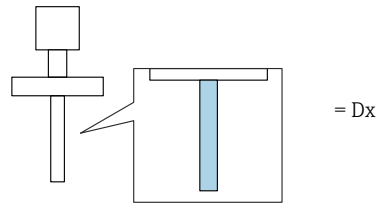
1) Only in connection with Optional specification, ID Jx = JN

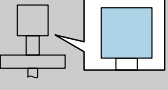
2) Functional: Maximum permissible process temperature

	(1)	P1		P2		P3		P4		P5		P6	
		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-196	60	60	85	57	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T5	-196	75	75	100	72	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T4	-196	80	80	135	74	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T3	-196	80	80	200	66	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T2	-196	80	80	300	54	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T1 ²⁾	-196	80	80	400	42	400	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾

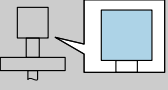
1) Only in connection with Optional specification, ID Jx = JN

2) Functional: Maximum permissible process temperature

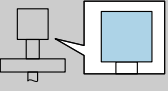
FMR54

 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-40	60	60	60	85	50	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	65	100	-40	-40	-40	-	-
		T4	-40	79	79	79	135	66	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	79	79	79	150	60	150	-40	-40	-40	-	-
	B	T6	-40	60	60	60	85	50	85	-40	-40	-40	-	-
		T5	-40	72	72	72	100	65	100	-40	-40	-40	-	-
		T4	-40	72	72	72	135	58	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	72	72	72	150	55	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

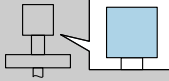
 = B	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	55	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	70	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	70	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	80	80	80	150	68	150	-40	-40	-40	-	-

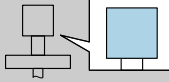
1) Functional: Maximum permissible process temperature

 = C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	56	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	71	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	72	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	80	80	80	150	70	150	-40	-40	-40	-	-

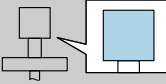
1) Functional: Maximum permissible process temperature

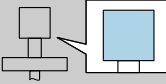
FMR56

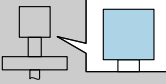
 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B	T6	-40	57	57	57	80	54	80	-40	-40	-40	-	-
	C	T6	-40	60	60	60	80	55	80	-40	-40	-40	-	-

 = C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	80	58	80	-40	-40	-40	-	-

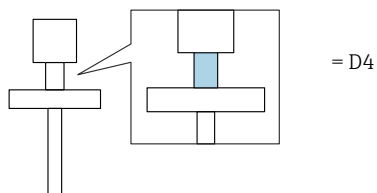
FMR57

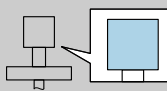
 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-40	60	60	60	85	53	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	68	100	-40	-40	-40	-	-
		T4	-40	79	79	79	135	70	135	-40	-40	-40	-	-
		T3	-40	79	79	79	200	53	200	-40	-40	-40	-	-
	B	T6	-40	57	57	57	85	53	85	-40	-40	-40	-	-
		T5	-40	72	72	72	100	67	100	-40	-40	-40	-	-
		T4	-40	72	72	72	135	62	135	-40	-40	-40	-	-
		T3	-40	72	72	72	200	51	200	-40	-40	-40	-	-

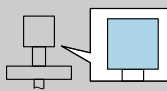
 = B	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	56	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	71	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	73	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	65	200	-40	-40	-40	-	-

 = C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	57	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	72	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	75	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	69	200	-40	-40	-40	-	-

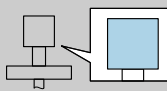
FMR57



 = A	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, C	T6	-40	58	58	58	85	54	85	-40	-40	-40	-	-
		T5	-40	73	73	73	100	69	100	-40	-40	-40	-	-
		T4	-40	79	79	79	135	72	135	-40	-40	-40	-	-
		T3	-40	79	79	79	200	59	200	-40	-40	-40	-	-
		T2	-40	79	79	79	300	37	300	-40	-40	-40	-	-
	B	T6	-40	57	57	57	85	54	85	-40	-40	-40	-	-
		T5	-40	72	72	72	100	68	100	-40	-40	-40	-	-
		T4	-40	72	72	72	135	64	135	-40	-40	-40	-	-
		T3	-40	72	72	72	200	55	200	-40	-40	-40	-	-
		T2	-40	72	72	72	300	37	300	-40	-40	-40	-	-

 = B	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	57	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	72	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	75	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	69	200	-40	-40	-40	-	-
		T2	-40	80	80	80	300	60	300	-40	-40	-40	-	-
		T1 ¹⁾	-40	80	80	80	400	51	400	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

 = C	(1)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	A, B, C	T6	-40	60	60	60	85	58	85	-40	-40	-40	-	-
		T5	-40	75	75	75	100	73	100	-40	-40	-40	-	-
		T4	-40	80	80	80	135	76	135	-40	-40	-40	-	-
		T3	-40	80	80	80	200	71	200	-40	-40	-40	-	-
		T2	-40	80	80	80	300	64	300	-40	-40	-40	-	-
		T1 ¹⁾	-40	80	80	80	400	57	400	-40	-40	-40	-	-

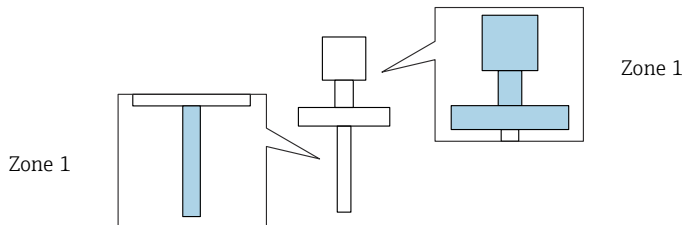
1) Functional: Maximum permissible process temperature

Zone 1: 2 channels

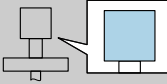
Position 3 = B, C: 2 channels used

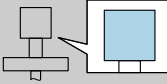
Page references to the temperature tables of the respective device types: See the following list.

- FMR50 → 27
- FMR51 → 28
- FMR52 → 33
- FMR53 → 37
- FMR54 → 39
- FMR56 → 46
- FMR57 → 47

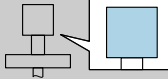


FMR50

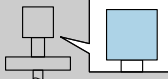
 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	80	38	80	-40	-40	-40	-	-
	C	T6	-40	53	53	53	80	48	80	-40	-40	-40	-	-

 = C	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	80	49	80	-40	-40	-40	-	-
	C	T6	-40	54	54	54	80	52	80	-40	-40	-40	-	-

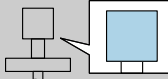
FMR51

 = A	(2)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	85	33	85	-40	-40	-40	-	-
		T5	-40	56	56	56	100	46	100	-40	-40	-40	-	-
		T4	-40	56	56	56	135	37	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	56	56	56	150	33	150	-40	-40	-40	-	-
	C	T6	-40	53	53	53	85	45	85	-40	-40	-40	-	-
		T5	-40	68	68	68	100	60	100	-40	-40	-40	-	-
		T4	-40	73	73	73	135	58	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	73	73	73	150	54	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

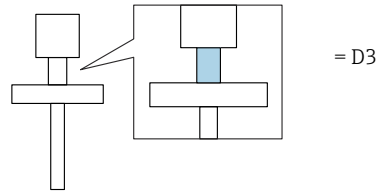
 = B	(2)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	44	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	59	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	62	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	75	75	75	150	59	150	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	48	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	63	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	66	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	78	78	78	150	63	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

 = C	(2)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	45	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	60	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	65	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	75	75	75	150	62	150	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	49	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	64	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	68	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	78	78	78	150	66	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

FMR51

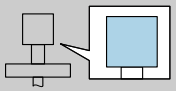


= A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	85	37	85	-40	-40	-40	-	-
		T5	-40	56	56	56	100	50	100	-40	-40	-40	-	-
		T4	-40	56	56	56	135	45	135	-40	-40	-40	-	-
		T3	-40	56	56	56	200	35	200	-40	-40	-40	-	-
	C	T6	-40	53	53	53	85	48	85	-40	-40	-40	-	-
		T5	-40	68	68	68	100	63	100	-40	-40	-40	-	-
		T4	-40	73	73	73	135	64	135	-40	-40	-40	-	-
		T3	-40	73	73	73	200	54	200	-40	-40	-40	-	-
		T2 ¹⁾	-40	73	73	73	250	44	250	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

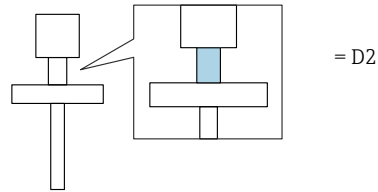
= B	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	48	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	63	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	69	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	62	200	-40	-40	-40	-	-
		T2 ¹⁾	-40	75	75	75	250	57	250	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	51	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	66	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	72	135	-40	-40	-40	-	-
		T3	-40	78	78	78	200	65	200	-40	-40	-40	-	-
		T2 ¹⁾	-40	78	78	78	250	60	250	-40	-40	-40	-	-

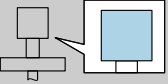
1) Functional: Maximum permissible process temperature

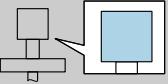
	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	48	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	63	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	70	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	65	200	-40	-40	-40	-	-
		T2 ¹⁾	-40	75	75	75	250	60	250	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	52	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	67	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	73	135	-40	-40	-40	-	-
		T3	-40	78	78	78	200	68	200	-40	-40	-40	-	-
		T2 ¹⁾	-40	78	78	78	250	64	250	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

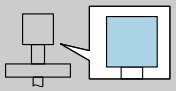
FMR51



 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	43	43	43	85	36	85	-40	-40	-40	-196	9
		T5	-196	56	56	56	100	48	100	-40	-40	-40	-196	9
		T4	-196	56	56	56	135	42	135	-40	-40	-40	-196	9
		T3	-196	56	56	56	200	30	200	-40	-40	-40	-196	9
	C	T6	-196	53	53	53	85	47	85	-40	-40	-40	-196	9
		T5	-196	68	68	68	100	62	100	-40	-40	-40	-196	9
		T4	-196	73	73	73	135	62	135	-40	-40	-40	-196	9
		T3	-196	73	73	73	200	49	200	-40	-40	-40	-196	9

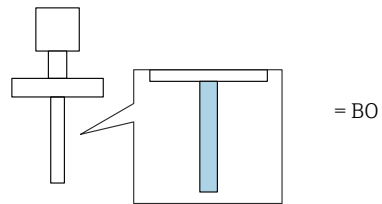
 = B	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	51	51	51	85	47	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T5	-196	66	66	66	100	62	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T4	-196	75	75	75	135	67	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T3	-196	75	75	75	200	58	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T2	-196	75	75	75	300	44	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
	C	T6	-196	54	54	54	85	50	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T5	-196	69	69	69	100	65	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T4	-196	78	78	78	135	70	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T3	-196	78	78	78	200	61	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T2	-196	78	78	78	300	48	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15

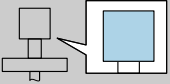
1) Only in connection with Optional specification, ID Jx = JN

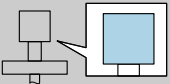
	(2)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	51	51	51	85	48	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T5	-196	66	66	66	100	63	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T4	-196	75	75	75	135	68	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T3	-196	75	75	75	200	61	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T2	-196	75	75	75	300	51	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T1	-196	75	75	75	450	34	450	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
	C	T6	-196	54	54	54	85	51	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T5	-196	69	69	69	100	66	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T4	-196	78	78	78	135	72	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T3	-196	78	78	78	200	65	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T2	-196	78	78	78	300	54	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾
		T1	-196	78	78	78	450	38	450	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-20 -28 ¹⁾

1) Only in connection with Optional specification, ID Jx = JN

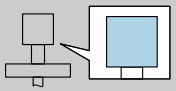
FMR52



	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	85	35	85	-40	-40	-40	-	-
		T5	-40	56	56	56	100	47	100	-40	-40	-40	-	-
		T4	-40	56	56	56	135	40	135	-40	-40	-40	-	-
	C	T6	-40	53	53	53	85	46	85	-40	-40	-40	-	-
		T5	-40	68	68	68	100	61	100	-40	-40	-40	-	-
		T4	-40	73	73	73	135	60	135	-40	-40	-40	-	-
		T3	-40	73	73	73	200	42	200	-40	-40	-40	-	-

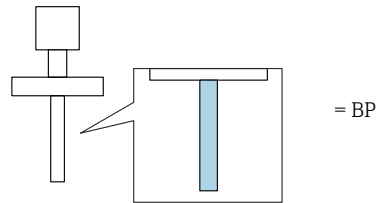
	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	51	51	51	85	45	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3
		T5	-196	66	66	66	100	60	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3
		T4	-196	75	75	75	135	65	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3
		T3	-196	75	75	75	200	53	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3
	C	T6	-196	54	54	54	85	49	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3
		T5	-196	69	69	69	100	64	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3
		T4	-196	78	78	78	135	68	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3
		T3	-196	78	78	78	200	57	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-3

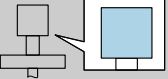
1) Only in connection with Optional specification, ID Jx = JN

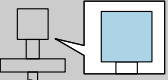
	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	51	51	51	85	47	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14
		T5	-196	66	66	66	100	62	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14
		T4	-196	75	75	75	135	67	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14
		T3	-196	75	75	75	200	58	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14
	C	T6	-196	54	54	54	85	50	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14
		T5	-196	69	69	69	100	65	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14
		T4	-196	78	78	78	135	70	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14
		T3	-196	78	78	78	200	61	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-14

1) Only in connection with Optional specification, ID Jx = JN

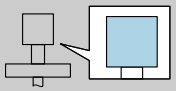
FMR52



 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	85	33	85	-40	-40	-40	-	-
		T5	-40	56	56	56	100	46	100	-40	-40	-40	-	-
		T4	-40	56	56	56	135	38	135	-40	-40	-40	-	-
	C	T6	-40	53	53	53	85	45	85	-40	-40	-40	-	-
		T5	-40	68	68	68	100	60	100	-40	-40	-40	-	-
		T4	-40	73	73	73	135	58	135	-40	-40	-40	-	-
		T3	-40	73	73	73	200	36	200	-40	-40	-40	-	-

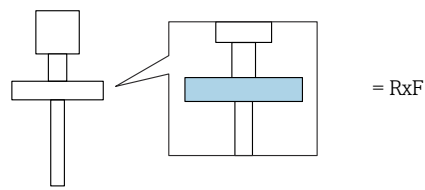
 = B	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	51	51	51	85	44	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10
		T5	-196	66	66	66	100	59	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10
		T4	-196	75	75	75	135	63	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10
		T3	-196	75	75	75	200	49	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10
	C	T6	-196	54	54	54	85	48	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10
		T5	-196	69	69	69	100	63	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10
		T4	-196	78	78	78	135	66	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10
		T3	-196	78	78	78	200	53	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	10

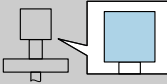
1) Only in connection with Optional specification, ID Jx = JN

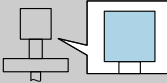
	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	51	51	51	85	46	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8
		T5	-196	66	66	66	100	61	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8
		T4	-196	75	75	75	135	65	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8
		T3	-196	75	75	75	200	54	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8
	C	T6	-196	54	54	54	85	49	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8
		T5	-196	69	69	69	100	64	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8
		T4	-196	78	78	78	135	69	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8
		T3	-196	78	78	78	200	58	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-8

1) Only in connection with Optional specification, ID Jx = JN

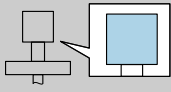
FMR53



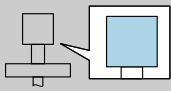
 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	80	39	80	-40	-40	-40	-	-
	C	T6	-40	53	53	53	80	49	80	-40	-40	-40	-	-

 = B, C	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	80	49	80	-40	-40	-40	-	-
	C	T6	-40	54	54	54	80	52	80	-40	-40	-40	-	-

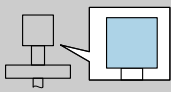
FMR53

 = A	(2)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	85	33	85	-40	-40	-40	-	-
		T5	-40	56	56	56	100	45	100	-40	-40	-40	-	-
		T4	-40	56	56	56	135	36	135	-20	-40	-40	-	-
		T3 ¹⁾	-40	56	56	56	150	32	150	-20	-40	-40	-	-
	C	T6	-40	53	53	53	85	44	85	-40	-40	-40	-	-
		T5	-40	68	68	68	100	59	100	-40	-40	-40	-	-
		T4	-40	73	73	73	135	57	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	73	73	73	150	53	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

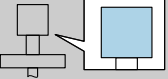
 = B	(2)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	43	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	58	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	61	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	75	75	75	150	58	150	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	47	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	62	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	65	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	78	78	78	150	61	150	-40	-40	-40	-	-

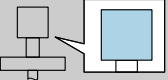
1) Functional: Maximum permissible process temperature

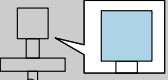
 = C	(2)	P1			P2		P3		P4		P5		P6	
		T _p	T _a		T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	45	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	60	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	64	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	75	75	75	150	61	150	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	49	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	64	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	67	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	78	78	78	150	64	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

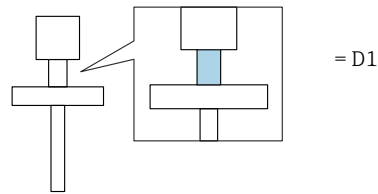
FMR54

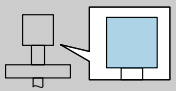
 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	85	32	85	-40	-40	-40	-	-
		T5	-40	56	56	56	100	45	100	-40	-40	-40	-	-
		T4	-40	56	56	56	135	35	135	-40	-40	-40	-	-
	C	T6	-40	53	53	53	85	44	85	-40	-40	-40	-	-
		T5	-40	68	68	68	100	59	100	-40	-40	-40	-	-
		T4	-40	73	73	73	135	56	135	-40	-40	-40	-	-

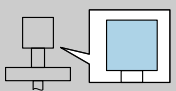
 = B	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	43	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	58	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	60	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	45	200	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	47	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	62	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	64	135	-40	-40	-40	-	-
		T3	-40	78	78	78	200	48	200	-40	-40	-40	-	-

 = C	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	44	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	59	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	63	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	50	200	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	48	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	63	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	67	135	-40	-40	-40	-	-
		T3	-40	78	78	78	200	54	200	-40	-40	-40	-	-

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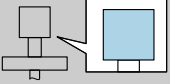


 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	43	43	43	85	35	85	-40	-40	-40	-196	18
		T5	-196	56	56	56	100	47	100	-40	-40	-40	-196	18
		T4	-196	56	56	56	135	40	135	-40	-40	-40	-196	18
	C	T6	-196	53	53	53	85	46	85	-40	-40	-40	-196	18
		T5	-196	68	68	68	100	61	100	-40	-40	-40	-196	18
		T4	-196	73	73	73	135	60	135	-40	-40	-40	-196	18
		T3	-196	73	73	73	200	42	200	-40	-40	-40	-196	18

 = B	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	51	51	51	85	45	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T5	-196	66	66	66	100	60	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T4	-196	75	75	75	135	65	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T3	-196	75	75	75	200	54	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T2 ²⁾	-196	75	75	75	280	40	280	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
	C	T6	-196	54	54	54	85	49	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T5	-196	69	69	69	100	64	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T4	-196	78	78	78	135	68	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T3	-196	78	78	78	200	57	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4
		T2 ²⁾	-196	78	78	78	280	44	280	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-4

1) Only in connection with Optional specification, ID Jx = JN

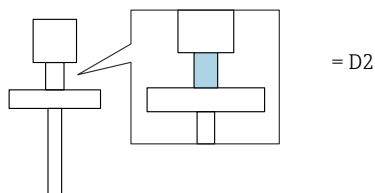
2) Functional: Maximum permissible process temperature

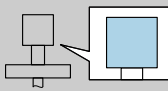
	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	51	51	51	85	47	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T5	-196	66	66	66	100	62	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T4	-196	75	75	75	135	67	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T3	-196	75	75	75	200	58	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T2 ²⁾	-196	75	75	75	280	47	280	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
	C	T6	-196	54	54	54	85	50	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T5	-196	69	69	69	100	65	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T4	-196	78	78	78	135	70	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T3	-196	78	78	78	200	61	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15
		T2 ²⁾	-196	78	78	78	280	51	280	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-15

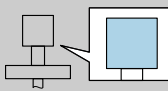
1) Only in connection with Optional specification, ID Jx = JN

2) Functional: Maximum permissible process temperature

FMR54

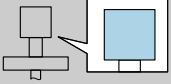


 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	43	43	43	85	36	85	-40	-40	-40	-196	11
		T5	-196	56	56	56	100	48	100	-40	-40	-40	-196	11
		T4	-196	56	56	56	135	41	135	-40	-40	-40	-196	11
	C	T6	-196	53	53	53	85	46	85	-40	-40	-40	-196	11
		T5	-196	68	68	68	100	61	100	-40	-40	-40	-196	11
		T4	-196	73	73	73	135	61	135	-40	-40	-40	-196	11
		T3	-196	73	73	73	200	47	200	-40	-40	-40	-196	11

 = B	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	51	51	51	85	46	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T5	-196	66	66	66	100	61	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T4	-196	75	75	75	135	66	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T3	-196	75	75	75	200	57	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T2	-196	75	75	75	300	42	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
	C	T6	-196	54	54	54	85	50	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T5	-196	69	69	69	100	65	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T4	-196	78	78	78	135	70	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T3	-196	78	78	78	200	60	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T2	-196	78	78	78	300	46	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13
		T1 ²⁾	-196	78	78	78	400	31	400	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-13

1) Only in connection with Optional specification, ID Jx = JN

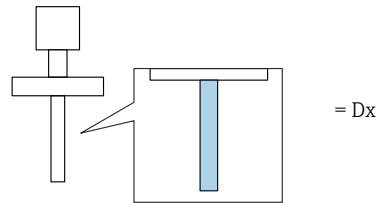
2) Functional: Maximum permissible process temperature

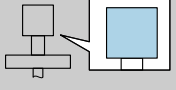
	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-196	51	51	51	85	47	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T5	-196	66	66	66	100	62	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T4	-196	75	75	75	135	68	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T3	-196	75	75	75	200	60	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T2	-196	75	75	75	300	49	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T1 ²⁾	-196	75	75	75	400	37	400	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
	C	T6	-196	54	54	54	85	51	85	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T5	-196	69	69	69	100	66	100	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T4	-196	78	78	78	135	71	135	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T3	-196	78	78	78	200	64	200	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T2	-196	78	78	78	300	52	300	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾
		T1 ²⁾	-196	78	78	78	400	41	400	-40 -50 ¹⁾	-40 -50 ¹⁾	-40 -50 ¹⁾	-196	-19 -26 ¹⁾

1) Only in connection with Optional specification, ID Jx = JN

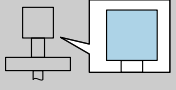
2) Functional: Maximum permissible process temperature

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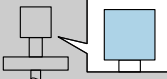


 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	85	34	85	-40	-40	-40	-	-
		T5	-40	56	56	56	100	47	100	-40	-40	-40	-	-
		T4	-40	56	56	56	135	39	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	56	56	56	150	36	150	-40	-40	-40	-	-
	C	T6	-40	53	53	53	85	46	85	-40	-40	-40	-	-
		T5	-40	68	68	68	100	61	100	-40	-40	-40	-	-
		T4	-40	73	73	73	135	59	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	73	73	73	150	56	150	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

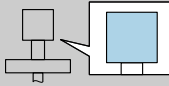
 = B	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	45	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	60	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	64	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	75	75	75	150	62	150	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	49	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	64	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	68	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	78	78	78	150	65	150	-40	-40	-40	-	-

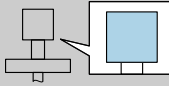
1) Functional: Maximum permissible process temperature

 = C	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	46	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	61	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	66	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	75	75	75	150	64	150	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	50	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	65	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	70	135	-40	-40	-40	-	-
		T3 ¹⁾	-40	78	78	78	150	68	150	-40	-40	-40	-	-

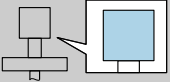
1) Functional: Maximum permissible process temperature

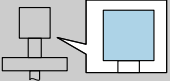
FMR56

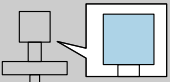
 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	80	38	80	-40	-40	-40	-	-
	C	T6	-40	53	53	53	80	48	80	-40	-40	-40	-	-

 = C	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	80	49	80	-40	-40	-40	-	-
	C	T6	-40	54	54	54	80	52	80	-40	-40	-40	-	-

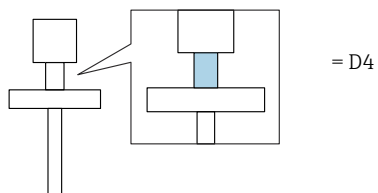
FMR57

 = A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	85	37	85	-40	-40	-40	-	-
		T5	-40	56	56	56	100	49	100	-40	-40	-40	-	-
		T4	-40	56	56	56	135	43	135	-40	-40	-40	-	-
		T3	-40	56	56	56	200	33	200	-40	-40	-40	-	-
	C	T6	-40	53	53	53	85	47	85	-40	-40	-40	-	-
		T5	-40	68	68	68	100	62	100	-40	-40	-40	-	-
		T4	-40	73	73	73	135	63	135	-40	-40	-40	-	-
		T3	-40	73	73	73	200	52	200	-40	-40	-40	-	-

 = B	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	47	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	62	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	68	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	60	200	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	51	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	66	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	71	135	-40	-40	-40	-	-
		T3	-40	78	78	78	200	63	200	-40	-40	-40	-	-

 = C	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	48	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	63	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	69	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	63	200	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	51	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	66	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	73	135	-40	-40	-40	-	-
		T3	-40	78	78	78	200	66	200	-40	-40	-40	-	-

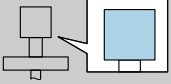
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= A	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	43	43	43	85	38	85	-40	-40	-40	-	-
		T5	-40	56	56	56	100	51	100	-40	-40	-40	-	-
		T4	-40	56	56	56	135	46	135	-40	-40	-40	-	-
		T3	-40	56	56	56	200	37	200	-40	-40	-40	-	-
	C	T6	-40	53	53	53	85	48	85	-40	-40	-40	-	-
		T5	-40	68	68	68	100	63	100	-40	-40	-40	-	-
		T4	-40	73	73	73	135	65	135	-40	-40	-40	-	-
		T3	-40	73	73	73	200	56	200	-40	-40	-40	-	-
		T2	-40	73	73	73	300	37	300	-40	-40	-40	-	-

= B	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	48	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	63	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	70	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	64	200	-40	-40	-40	-	-
		T2	-40	75	75	75	300	54	300	-40	-40	-40	-	-
		T1 ¹⁾	-40	75	75	75	400	45	400	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	52	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	67	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	73	135	-40	-40	-40	-	-
		T3	-40	78	78	78	200	67	200	-40	-40	-40	-	-
		T2	-40	78	78	78	300	58	300	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature

	(2)		P1		P2		P3		P4		P5		P6	
			T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a	T _p	T _a
	B	T6	-40	51	51	51	85	49	85	-40	-40	-40	-	-
		T5	-40	66	66	66	100	64	100	-40	-40	-40	-	-
		T4	-40	75	75	75	135	71	135	-40	-40	-40	-	-
		T3	-40	75	75	75	200	66	200	-40	-40	-40	-	-
		T2	-40	75	75	75	300	59	300	-40	-40	-40	-	-
		T1 ¹⁾	-40	75	75	75	400	52	400	-40	-40	-40	-	-
	C	T6	-40	54	54	54	85	52	85	-40	-40	-40	-	-
		T5	-40	69	69	69	100	67	100	-40	-40	-40	-	-
		T4	-40	78	78	78	135	74	135	-40	-40	-40	-	-
		T3	-40	78	78	78	200	69	200	-40	-40	-40	-	-
		T2	-40	78	78	78	300	62	300	-40	-40	-40	-	-
		T1 ¹⁾	-40	78	78	78	400	55	400	-40	-40	-40	-	-

1) Functional: Maximum permissible process temperature



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