

3.3 Typecode

Abbrev. Column	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
Example:	2	A	D	2	8	0	A	-	B	0	3	L	A	1	-	A	S	0	6	-	A	2	N	1																	

1. **Product group**
 - 1.1 2AD = 2AD
2. **Motor size**
 - 2.1 280 = 280
3. **Motor length**
 - 3.1 Lengths = A, B, C
4. **Mounting style**
 - 4.1 foot mounting = B03
5. **Position of power connection** ①
 - 5.1 left = L
 - 5.2 right = R
6. **Output direction of power connection** ①
 - 6.1 Junction box connected on the left = L
7. **Cooling mode**
 - 7.1 Axial blower, blowing = 1
8. **Windings alpha code**
 - 8.1 2AD280A = AS
 - 8.2 2AD280B = AS
 - 8.3 2AD280C = AD
9. **Holding brake**
 - 9.1 without holding brake = 0
10. **Motor feedback**
 - digital servo feedback = 6
 - digital servo feedback with integr. multiturn absolute encoder, ... = 7
11. **Driven shaft**

	plain shaft	with key	
		balanced with entire key	balanced with half key
without shaft sealing ring	A	B	E
with shaft sealing ring	C	D	H

Copying unlawful - Changes possible

Figure 3-10: Main spindle motor 2AD280 - typecode page 1 of 2

Abbrev. Column	1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9																																				
Example:	2	A	D	2	8	0	A	-	B	0	3	L	A	1	-	A	S	0	6	-	A	2	N	1													

12. Shaft end side B

12.1 without shaft end side B. = 2
13. Bearings

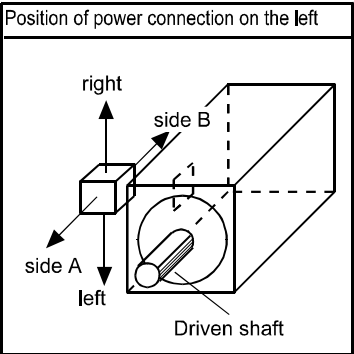
13.1 Standard = N

13.2 heavy-duty bearings = V
14. Vibration severity grade

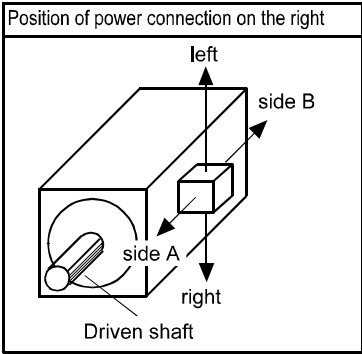
14.1 R = 1

Note:
① View from front (see picture 1 and 2)

Illustration example: 2AD280



Picture 1



Picture 2

Figure 3-11: Main spindle motor 2AD280 - typecode page 2 of 2