3.5. Type codes

Type codes: Example: 2AD100C-B05OB1-AS03-A2N1

1. Designation:	2AD
2. Motor size:	100
3. Motor length:	B, C, D
4. Construction:	
Flange mounting ***)	B05
Flange and foot mounting ****)	B35
5. Power terminal position:	
top	O
left	L
right	R
6. Power terminal output direction :	
Connector to side A	A
Connector to side B	B
Connector to the right *	R
Connector to the left *	L
7. Cooling mode:	
Axial blower (air flow B --> A), AC 230 V	1
Axial blower (air flow A --> B), AC 230 V	2
Axial blower (air flow B --> A), AC 115 V	4
Axial blower (air flow A --> B), AC 115 V	5
Radial blower, (air flow B --> A), AC 230 V, blower right	6
Radial blower, (air flow B --> A), AC 230 V, blower below	7
Radial blower, (air flow B --> A), AC 230 V, blower left	8
Radial blower, (air flow B --> A), AC 115 V, blower right	A
Radial blower, (air flow B --> A), AC 115 V, blower below	B
Radial blower, (air flow B --> A), AC 115 V, blower left	C
8. Windings designation:	AS
9. Holding brake:	
without	0
electrically engaged	1
electrically released	2
10. Motor feedback:	
with high-resolution motor feedback	3
Digital servo feedback	6
Digital servo feedback with integral multiturn absolute encoder	7

11. Output shaft:

	smooth shaft	with key: balanced with entire key	with key: balanced with half key
without shaft seal	A	B	E
with shaft seal	C	D	H

12. Side B shaft end	
without	2
with (for mounted incremental encoder, absolute) **)	3
13. Bearing:	
standard	N
14. Vibration severity grade:	
R	1
S	2

*) View from front looking towards motor shaft, direction depends on power terminal.
**) with radial blower only
***) only available with “power terminal position = O“!
****) only available with axial blower air flow B → A!

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Fig. 3.10: Type codes 2AD100