

5.4. Type Codes

Type code field:	Example:	ADF160C-B05TB1-BS03-A2N1
1. Name:	ADF	
2. Motor size:	160	
3. Motor length:	B, C	
4. Design: Flange mounting	B05	
5. Power connector position: above	T	
6. Output direction of the power connector: Terminal box, output direction side A Terminal box, output direction side B Terminal box, output direction to the right ¹⁾ Terminal box, output direction to the left ¹⁾	A B R L	
7. Coolant connection (coolant inlet/outlet) to side B (located on side B)	1	
8. Windings call letter: ADF 160 B ADF 160 C	BS, CS BS	
9. Holding brake: without holding brake 100 Nm, clamp electrically actuated holding brake 70 Nm, release electrically actuated	0 1 2	
10. Motor feedback: High-resolution motor feedback Digital servo feedback Digital servo feedback w/ integrated multiturn absolute encoder	3 6 7	
11. Output shaft:		
	plain shaft	with key balanced with entire key balanced with half key
w/o shaft sealing ring	A	B E
with shaft sealing ring	C	D H
12. Side B shaft end: without with (for mounted incremental/absolute encoder)	2 3	
13. Bearing: Standard Heavy-duty	N V	
14. Balance class: R S S1 ²⁾	1 2 3	

1) Looking from front onto motor shaft, direction indicated refers to power connection.
2) Balance class "S1" is not available with heavy-duty bearings.

TLADF160

Fig 5.8: Main spindle motor ADF 160 - type codes