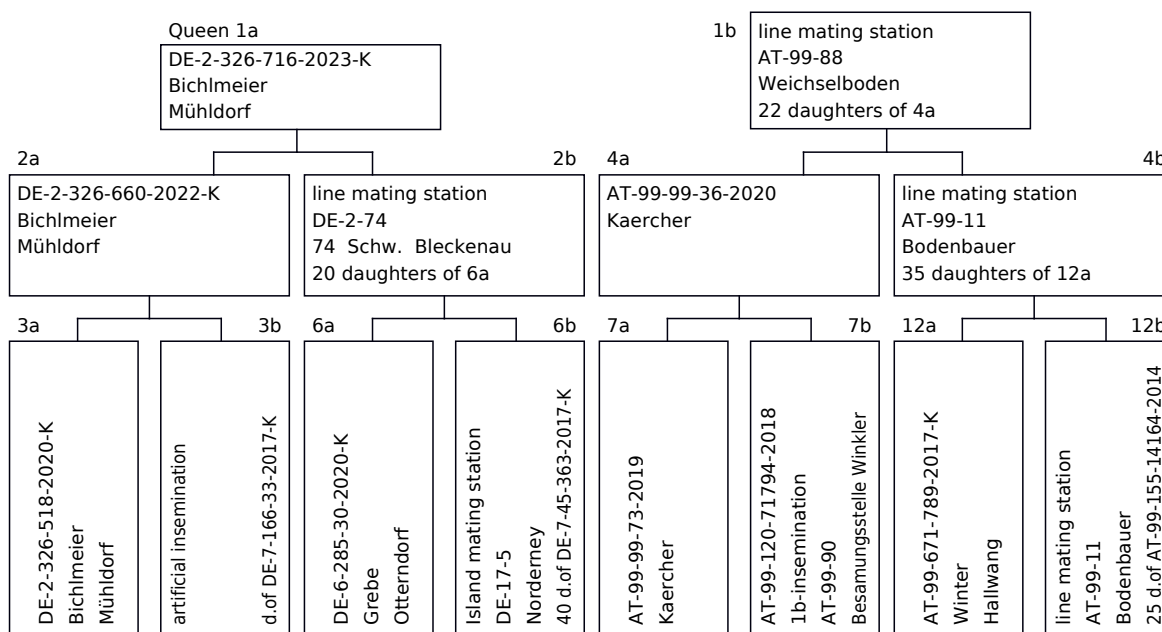


Tester of the queen: Bichlmeier, Karl, 84453 Mühldorf, DE-2-326, Apiary 1  
 Breeder of the queen: Bichlmeier, Karl, 84453 Mühldorf, DE-2-326  
**1a** Studbook number: **DE-2-326-716-2023-K**

Race line: -2 Sign: red 16 Daughters of Queen: 4.4%  
 Generation: 7 Hatch date: 01.07.2023 Workers: 1.9%

### A. Pedigree



### B. Own performance

Performance test year	No. of the colony Bh 12			comparable colonies at the apiary	
	kg	%	Ranking	number	Yield average kg
	27.5	114	3	11	24.1
	Assessment*	Breeding values			Reliability
<b>Total breeding value<sup>1</sup></b>	-	124			
Honey yield	-	112			0.43
Defensive behavior	3.65	112			0.51
Steadiness on comb	3.66	114			0.51
Swarming drive	4	119			0.44
Varroa	-	124			0.45
Performance index	-	117			0.43
Robustness in winter	3.50		70%	100%	170%
Development in Spring	3.60				
Colony strength	3.50				

<sup>1</sup>In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

### C. Performance of the sisters

See page 2

### D. Body features, see appendix

See attached characteristic documents:

### E. Results

#### Class Av

Selected for Varroa tolerance. Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations.

# Breeding selection report DE-2-326-716-2023-K

## Page 2

### Performance of the sisters

Amount of checked sisters: 7

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive Behavior	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance index
DE-2-326-714-2023-K	DE-2-326	1	124	26	111	3.7	111	3.7	113	4	118	124	117
DE-2-326-715-2023-K	DE-2-326	1	121	29.1	112	3.6	111	3.6	113	3.3	115	121*	115
DE-2-326-716-2023-K	DE-2-326	1	124	27.5	112	3.7	112	3.7	114	4	119	124	117
DE-2-326-721-2023	DE-2-326	1	122	21	108	3.7	113	3.7	115	4	118	122*	116
DE-2-326-722-2023	DE-2-326	1	122	26.9	112	3.6	112	3.6	114	4	119	122*	117
DE-2-326-724-2023	DE-2-326	1	122		(110)		(114)		(115)		(117)	(121)	117
DE-2-326-727-2023	DE-2-326	1	122	24.1	110	3.6	111	3.6	113	4	119	123	116

Only one Varroa trait was recorded