

## Worm Geared Motors MEK with One-Stage Worm Gear Unit

230/400V, 50Hz, IP54, isolation class F, can also be connected to alternating current using an operating capacitor.

Efficiency class IE1.

General data page Variable.

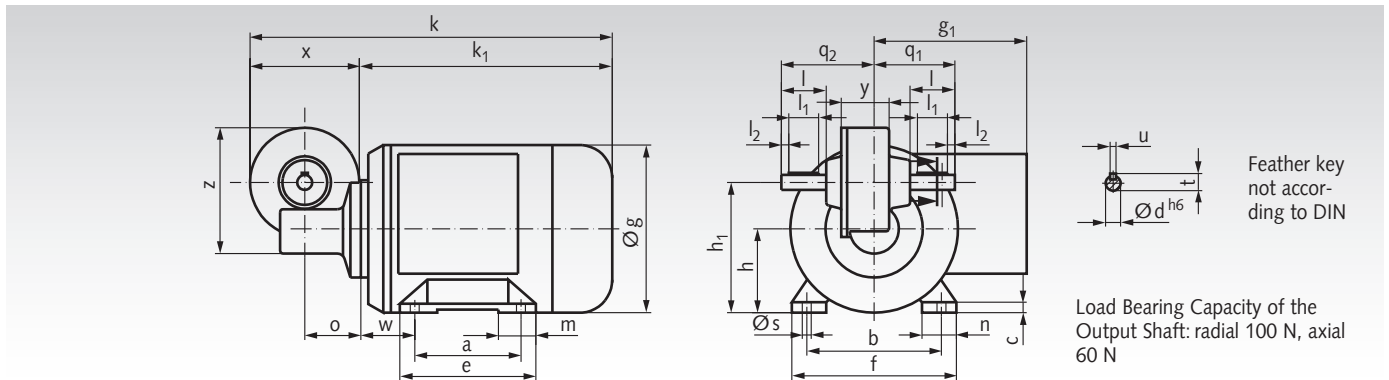
Motor and gearbox with roller bearing.

Worms hardened and ground.

Worm gears made from special brass.



Ordering details: Type, Voltage/Frequency, poss. Operating Capacitor, Motor Data, Ratio, Product No.



Power	a	b	c	e	f	h	h <sub>1</sub>	m	n	s	w	g	g <sub>1</sub>	k	k <sub>1</sub>	o	q <sub>1</sub>	q <sub>2</sub>	x	y	z	d	l	l <sub>1</sub>	l <sub>2</sub>	t	u	
Watt	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
45	90	80	7	110	100	56	87	30	34	6,6	14	107	87	196	122	37,5	54	62	74	32	84	10	30	20	5	11,5	4	
90	71	90	6	84	110	56	87	22	23	6	36	112	102	242	168	37,5	54	62	74	32	84	10	30	20	5	11,5	4	

Dimensions without stated tolerances are non-binding!

### Motor Data without Ventilation 45 Watt, 1400 min<sup>-1</sup>, ca. 0.18 A at 400 Volt

Product No.	Output-Speed min <sup>-1</sup>	Ratio i =	Permiss. Torque at the Output Shaft Nm	Weight kg	Product No. Operating Capacitor 5µF
433 01 005	280	5 : 1	1,2	3,7	436 356 00
433 01 007	200	7 : 1	1,7	3,7	436 356 00
433 01 010	140	10 : 1	2,1	3,7	436 356 00
433 01 015	93	15 : 1	3,0	3,7	436 356 00
433 01 020	70	20 : 1	3,7	3,7	436 356 00
433 01 024	58	24 : 1	3,6	3,7	436 356 00
433 01 030	47	30 : 1	4,5	3,7	436 356 00
433 01 038	37	38 : 1	5,6	3,7	436 356 00
433 01 050	28	50 : 1	5,7	3,7	436 356 00
433 01 055	25	55 : 1	7,3	3,7	436 356 00
433 01 075	19	75 : 1	6,4	3,7	436 356 00
433 01 100	14	100 : 1	8,9*	3,7	436 356 00

\* Stability related max. torque.

### Motor Data 90 Watt, 1400 min<sup>-1</sup>, ca. 0.45 A at 400 Volt

Product No.	Output-Speed min <sup>-1</sup>	Ratio i =	Permiss. Torque at the Output Shaft Nm	Weight kg	Product No. Operating Capacitor 10µF
433 02 005	280	5 : 1	2,4	4,1	436 359 00
433 02 007	200	7 : 1	3,3	4,1	436 359 00
433 02 010	140	10 : 1	4,3	4,1	436 359 00
433 02 015	93	15 : 1	6,1	4,1	436 359 00
433 02 020	70	20 : 1	7,5	4,1	436 359 00
433 02 024	58	24 : 1	7,2	4,1	436 359 00
433 02 030	47	30 : 1	9,0	4,1	436 359 00
433 02 038	37	38 : 1	11,0	4,1	436 359 00
433 02 050	28	50 : 1	11,0*	4,1	436 359 00
433 02 055	25	55 : 1	13,0*	4,1	436 359 00
433 02 075	19	75 : 1	8,8*	4,1	436 359 00
433 02 100	14	100 : 1	8,9*	4,1	436 359 00

\* Stability related max. torque.