

# Pneumatic built-in motors



EBS 504 ZG

EBS 520 ER

EWBS 38-520

## Technical data

Type		• EBS 504 ZG	• EBS 520 ER	• EBS 480 ER	EWBS 38-520
Order-No.		29937-30-7	29938-81-7	29938-71-5	60001-29-5
Free speed	rpm	500	520	480	520
Motor power	Watt	160	380	230	380
<b>Start up</b>		<b>push start</b>	<b>external</b>	<b>external</b>	<b>external</b>
<b>Direction of rotation</b>		<b>clockwise</b>	<b>clockwise</b>	<b>reversible</b>	<b>clockwise</b>
Exhaust air		to the rear	to the rear	to the rear	to the rear
• ZG collet included	mm	8	—	—	1/4" hex.
• ZG collets available	mm   "	5   1/4"	—	—	—
• ER collet included	mm	—	8	8	—
• ER collets available	mm	—	3   5   6   10	3   5   6   10	—
Noise level	dB(A)	65	73	77	76 *
Air consumption	l / sec	5.3	8.5	8.5	8.5
Weight	kg	0.75	1.40	1.20	2.30
Connection air supply (hose)	∅ mm, inside / outside	6   8	10   12	10   12	10   12

Power and free speed at 6 bar operating pressure. Compressed air quality: lubricated (2–3 drops per minute).

\* Exhaust air throttle  
Order-No. 9 361 705

- For installation in transfer lines, machine tools and robot stations
- Stainless steel housings
- Stainless steel spindles
- Ideal for **countersinking and brushing**
- Collets up to 10 mm
- Rotating splashguard to prevent penetration of dust, water or chips (Types EBS 520 / 480)
- Push start for EBS 504 reduces air consumption



## Accessories

### HSS counterbore

### EWBS 38-520

3 blades, 1/4" hexagon / 90°

Sinking range 2,5 – 10 mm	48109-21-6
Sinking range 3,2 – 16,5 mm	48109-22-6
Sinking range 5 – 25 mm	48109-24-6