



MILLING UNITS



PNEUMATIC MILLING UNITS BE 22 SKM AND BE 33 SKM

The BE 22/33 SKM consists of an air motor, a gear box and a robust body. The design is compact as well as robust. BE 22/33 SKM comes in a wide range of speeds, and is available for lubrication-free operation.

- STURDY AND COMPACT DESIGN
- WIDE RANGE OF RPMs
- DIRECTED EXHAUST



Guidelines for choice of unit [mm]

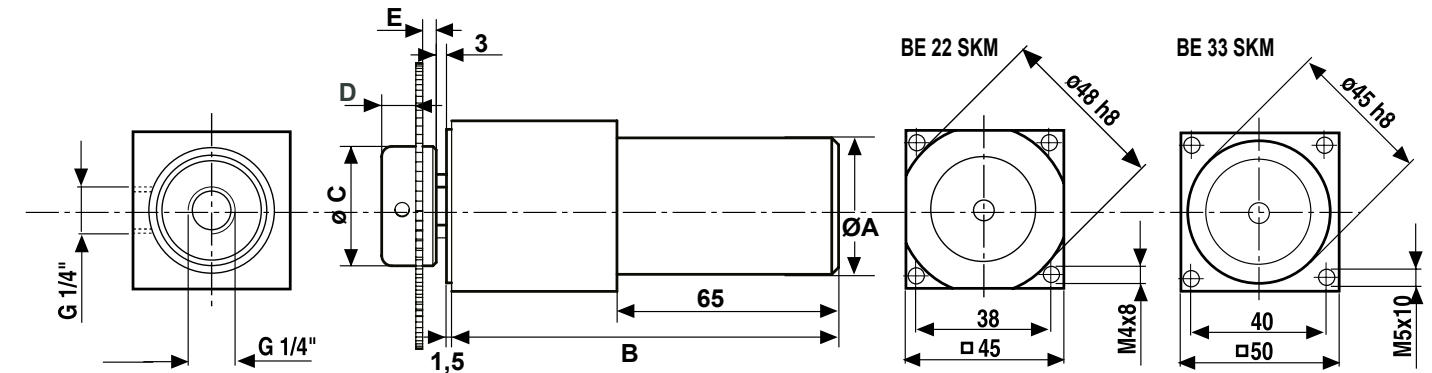
MILLING UNIT	TOOL	CAPACITY IN STEEL	CAPACITY IN ALUMINUM/BRASS	CAPACITY IN WOOD/PLASTIC
BE 22 SKM	Saw ø	-	100	100
	Blade gauge	-	2	4
BE 33 SKM	Saw ø	80	100	100
	Blade gauge	1.5	4	6
BE 22 SKM	End mill ø	4	6	10
	Cutting depth	2	2	4
BE 33 SKM	End mill ø	6	10	25
	Cutting depth	2	4	6

Performance specifications at 6.3 Bar

Power BE 22 SKM	0.25 kW	Air consumption BE 22 SKM <0.3 Nm ³ /min	Working pressure range	6-7 Bar
BE 33 SKM	0.36 kW	BE 33 SKM <0.5 Nm ³ /min	Sound level	70 dB(A)

MILLING UNIT	SPEED (IDLE) [RPM]	SPEED (AT MAX OUTPUT) [RPM]	TORQUE (AT MAX OUTPUT) [NM]	
LOW SPEED	BE 225 SKM	500	250	9.9
	BE 228 SKM	800	400	6.0
	BE 2211 SKM	1 100	550	4.3
HIGH SPEED	BE 2222 SKM	2 200	1 100	2.4
	BE 2236 SKM	3 600	1 800	1.5
	BE 2249 SKM	4 900	2 450	1.1
	BE 22220 SKM	22 000	11 000	0.25
LOW SPEED	BE 335 SKM	500	250	12.6
	BE 337 SKM	700	350	10.4
	BE 3313 SKM	1 300	650	5.7
	BE 3326 SKM	2 600	1 300	2.9
	BE 3333 SKM	3 300	1 650	2.3
	BE 3360 SKM	6 000	3 000	1.3
	BE 33210 SKM	21 000	10 500	0.37

Dimensions [mm]



You can download 2D CAD-drawings and 3D CAD-models on www.e2systems.com.

MILLING UNIT	SPEED	øA	B	WEIGHT [KG]	BORE	øC	D	E
BE 22 SKM	Low	36	141	1.5	ø 16	35	10	4
	High	36	109	0.9	ø 22	40	8	5
BE 33 SKM	Low	40	149	2.0	ø32	50	12	5
	High	40	115	1.4				

Necessary components

TOOL HOLDERS	TYPE	PAGE
	Nuts For ø 16 mm, ø 22 mm and ø 32 mm bore	
	Collet Chucks ER11 ø 1.0-7.0 mm ER20 ø 1.0-13.0 mm ER32 ø 2.0-20.0 mm	47
COLLETS	TYPE	PAGE
	ER11 ø 1.0-7.0 mm ER20 ø 1.0-13.0 mm ER32 ø 2.0-20.0 mm	47

Accessories

CONTROLS	TYPE	PAGE
	Controls for BE SKM-units	51