



5 Information on Dimension Drawings



The dimension data are not binding. Please consult SEW-EURODRIVE in case of limited installation space.

5.1 Symbols used

The following table shows the symbols used in the dimension drawings and their meaning:

Symbol	Meaning
	Breather plug main gear unit
	Inspection cover main gear unit
	Dipstick main gear unit
	Oil sight glass main gear unit
	Oil drain plug main gear unit + adapter for auxiliary drive
	Oil filling plug main gear unit + adapter for auxiliary drive
	Breather valve auxiliary drive
	Oil drain plug auxiliary drive
	Oil level plug auxiliary gear unit
	Standard components are not delivered by SEW
	Auxiliary drive for empty buckets
	Auxiliary drive for filled buckets



5.2 Tolerances

Shaft height Tolerance unit h11 applies to the listed measurements

Shaft ends HSS = Input shaft
LSS = Output shaft

Diameter tolerance:

∅	≤ 50 mm	→ ISO k6
∅	> 50 mm	→ ISO m6

Center holes in accordance with DIN 332, shape DS:

∅	> 30...38 mm	→ M12
∅	> 38...50 mm	→ M16
∅	> 50...85 mm	→ M20
∅	> 85 mm - 130 mm	→ M24
∅	> 130 mm - 180 mm	→ M30

Keys: in accordance with DIN 6885 (high shape B).

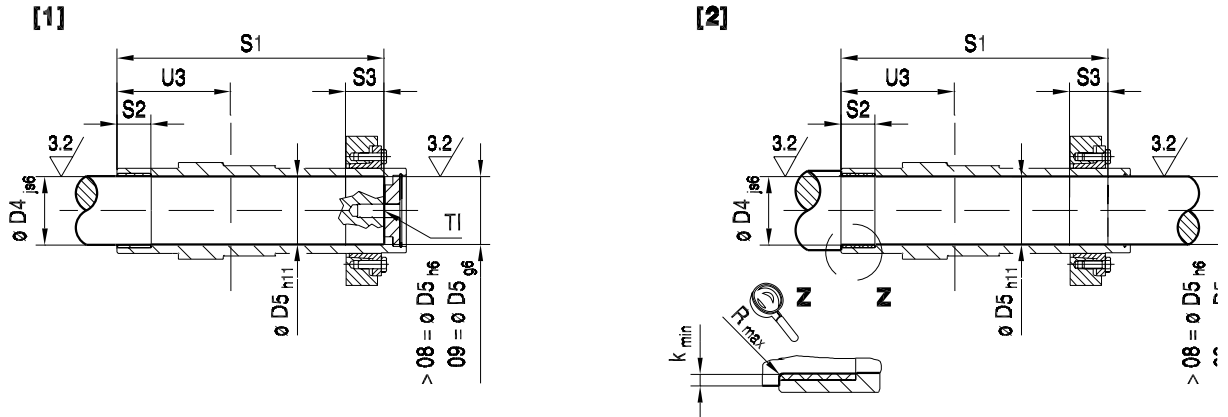
Hollow shafts Diameter tolerance:
MC3R..02..09
∅ → ISO H7 shrink disc connection

M3R..70..90
∅ → ISO H7/H8 shrink disc connection

Customer's shaft SEW-EURODRIVE recommends dimensions for two customer's shaft variants (see following page).



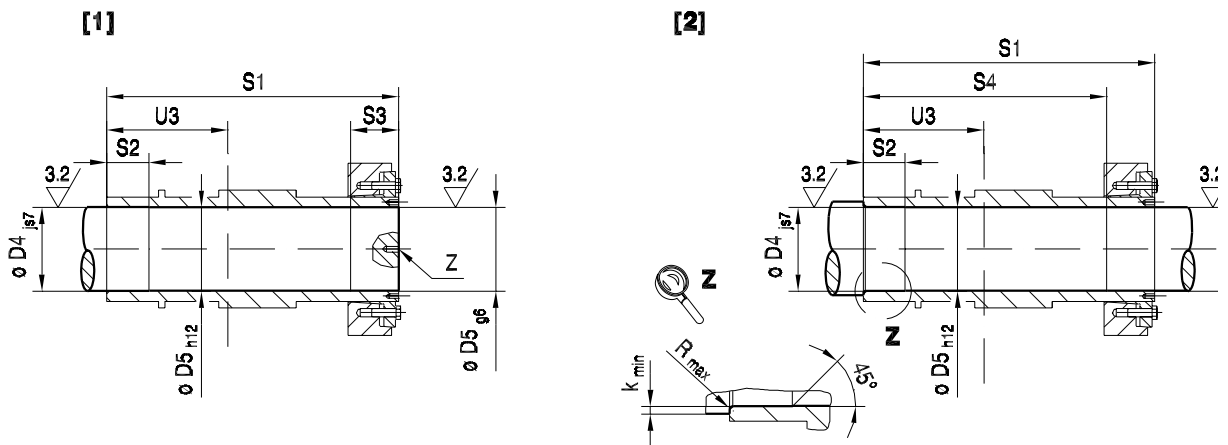
MC3R..02..09



[1] Standard customer's shaft without shaft shoulder
 [2] Continuous customer's shaft with shaft shoulder

	D4	D5	S1	S2	S3	k	R	U3	T1
MC3R..02	86	85	386	45	53	6	3	164	M24x45
MC3R..03	101	100	407	52	58	6	3	171	M24x45
MC3R..04	111	110	457	57	64	6	3	193	M24x45
MC3R..05	121	120	473	62	68	6	3	201	M24x45
MC3R..06	131	130	507	67	72	6	4	214	M24x45
MC3R..07	141	140	534	72	72	7	4	228	M30x60
MC3R..08	151	150	602	77	88	7	5	254	M30x60
MC3R..09	166	165	622	85	87	7	5	264	M30x60

M3R..70..90



[1] Standard customer's shaft without shaft shoulder
 [2] Continuous customer's shaft with shaft shoulder

	D4	D5	S1	S2	S3	S4	k	R	U3	Z
M3R..70	190	189	683	95	105	578	7	5	284	M30x60
M3R..80	210	209	730	105	120	610	8	6	302	M30x60
M3R..90	250	249	796	125	140	656	8	6	324	M30x60