

6.5 Size MSK060

Abbrev. Column		1									2									3									4													
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Example:		M	S	K	0	6	0	B	-	0	6	0	0	-	N	N	-	S	1	-	U	G	0	-	N	N	N	N														
1. Product																																										
1.1	MSK = MSK																																									
2. Motor size																																										
2.1	060. = 060																																									
3. Motor length																																										
3.1	Lengths = B, C																																									
4. Windings code																																										
4.1	MSK060B = 0300, 0600																																									
4.2	MSK060C = 0300, 0600																																									
5. Housing design																																										
5.1	natural convection = NN																																									
6. Encoder																																										
6.1	optical encoder, singleturn Hiperface, with 128 increments. = S1																																									
6.2	optical encoder, singleturn EnDat2.1, with 2048 increments. = S2																																									
6.3	optical encoder, multiturn-absolute Hiperface, with 128 increments. = M1																																									
6.4	optical encoder, multiturn-absolute EnDat2.1, with 2048 increments. = M2																																									
7. Electrical connection																																										
7.1	Plug, rotatable 240° = U																																									
8. Shaft																																										
8.1	plain shaft with shaft sealing ring (standard) = G																																									
8.2	shaft with keyway per DIN 6885-1 with shaft sealing ring . . . = P																																									
9. Holding brake																																										
9.1	without holding brake. = 0																																									
9.2	holding brake, electrical release, 10 Nm = 1																																									

Fig.6-23: Type Codes MSK060 (page 1)

Abbrev. Column	→	1	2	3	4	5	6	7	8	9	1	0	1	2	3	4	5	6	7	8	9	2	0	1	2	3	4	5	6	7	8	9	3	0	1	2	3	4	5	6	7	8	9	4	0		
Example:		M	S	K	0	6	0	B	-	0	6	0	0	-	N	N	-	S	1	-	U	G	0	-	N	N	N	N																			

10. Other design ①

10.1 standard = NNNN

10.2 standard and Ex type for cluster II, categories 3G and 3D
on DIN EN 60079 ff = NSNN

10.3 reduced shaft run-out, axial run-out according to DIN 42955 . . . = RNNN

10.3 reduced shaft run-out, axial run-out according to DIN 42955 and
Ex type for cluster II, categories 3G and 3D on DIN EN 60079 ff = RSNN

11. Standard reference

Standard	Title	Edition
DIN 6885-1	Drive Type Fastenings without Taper Action; Parallel Keys, Keyways, Deep Patter	1968-08
DIN 42955	Tolerances of shaft extension run-out of mounting flanges for rotating electrical machinery, test	1981-12
DIN EN 60079 ff	Electrical apparatus for explosive gas atmospheres (ATEX)	-

Note:

① Other design "NNNN" and "NSNN" are only available with encoder "S1" and "M1"
Other design "RNNN" and "RSNN" are only available with encoder "S2" and "M2"

Fig.6-24: Type Codes MSK060 (page 2)