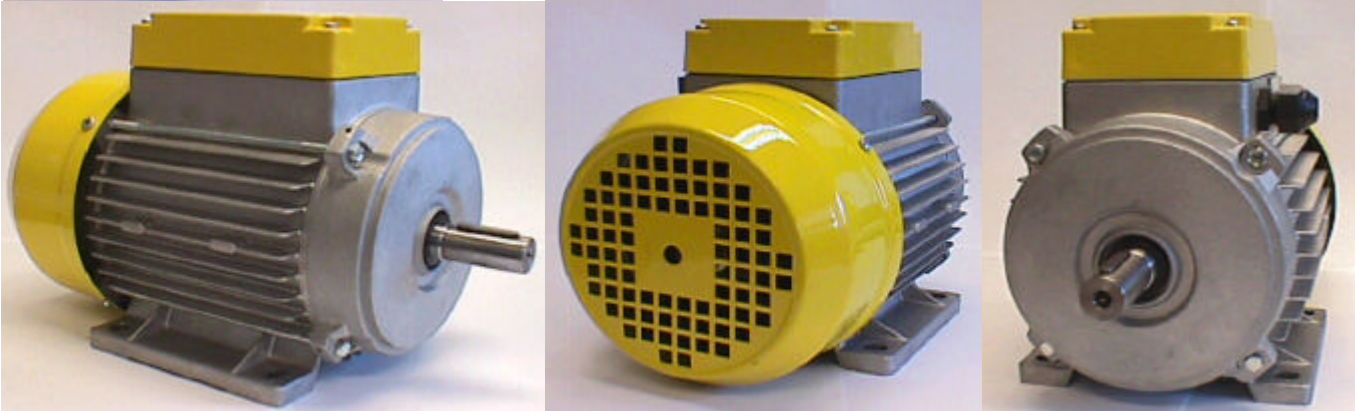


## Type DMS motorsize 56 - 100

**DMS-R** : SINGLEPHASE MOTOR WITH  
RUNNING CAPACITOR (MA = 60 - 70%)

**DMS-SR** : SINGLEPHASE MOTOR WITH STARTING & RUNNING  
CAPACITOR & CENTRIFUGAL SWITCH (MA >200%)



Series DMS Single-phase squirrel cage induction motors acc. IEC/DIN - VDE0530, tension 1- 220-240V - 50Hz, Isolationclass F, IP54, Mounting B3.

### SERIES DMS-SR : 2 POLE - 3000rpm with starting & running capacitor and centrifugal switch

DUTCHI MOTOR type	rated output power	full-load current 230V 50Hz	full-load speed	full-load power factor	full-load efficiency	locked rotor current	locked rotor torque	Capacitor		moment of inertia	nett weight IM B3
								Running	Starting		
								$\mu F$ 450V	$\mu F$ 240V		
MOTOR SIZE acc. to IEC-DIN	PN kW	$I_N$ A	$n_N$ $min^{-1}$	$\cos \varphi$	$\eta$ %	$I_a/I_N$	$M_a/M_N$			J $kgm^2$	m kg
DMS SR 71 A 2	<b>0,37</b>	3,0	2850	0,87	64,0	3,6	2,1	14,0	50÷ 63	0,0015	6,0
DMS SR 71 B 2	<b>0,55</b>	3,9	2800	0,90	71,0	3,7	2,0	14,0	63÷ 80	0,0020	7,0
DMS SR 80 A 2	<b>0,75</b>	5,4	2800	0,92	68,0	3,8	2,2	25,0	80÷ 100	0,0039	9,8
DMS SR 80 B 2	<b>1,1</b>	6,8	2900	0,95	77,0	3,8	2,1	31,5	100÷ 125	0,0045	10,9
DMS SR 80 C 2	<b>1,3</b>	8,6	2800	0,95	72,0	3,7	2,0	31,5	100÷ 125	0,0045	11,2
DMS SR 90 LA 2	<b>1,5</b>	10,5	2820	0,83	78,0	4,2	2,1	36,0	125÷ 156	0,0082	15,0
DMS SR 90 LB 2	<b>1,8</b>	12,5	2850	0,95	69,0	4,1	1,9	36,0	125÷ 156	0,0085	15,6
DMS SR 100 LA 2	<b>2,2</b>	13,5	2880	0,98	75,0	4,5	2,2	60,0	156÷ 200	0,0150	18,6

### SERIES DMS-SR : 4 POLE - 1500rpm with starting & running capacitor and centrifugal switch

MOTOR SIZE acc. to IEC-DIN	PN kW	$I_N$ A	$n_N$ $min^{-1}$	$\cos \varphi$	$\eta$ %	$I_a/I_N$	$M_a/M_N$	$\mu F$ 450V	$\mu F$ 240V	J $kgm^2$	m kg
DMS SR 71 A 4	<b>0,25</b>	2,4	1400	0,77	61,0	3,3	2,2	14,0	63÷ 80	0,00192	6,0
DMS SR 71 B 4	<b>0,37</b>	2,9	1400	0,93	62,0	3,2	2,2	14,0	63÷ 80	0,00242	6,0
DMS SR 80 A 4	<b>0,55</b>	4,4	1400	0,88	64,0	3,4	2,1	16,0	63÷ 80	0,00465	8,5
DMS SR 80 B 4	<b>0,75</b>	5,2	1430	0,94	69,0	4,7	1,8	20,0	80÷ 100	0,00544	9,4
DMS SR 90 SA 4	<b>1,1</b>	7,6	1430	0,93	71,0	3,6	2,0	25,0	100÷ 125	0,00987	12,3
DMS SR 90 LA 4	<b>1,5</b>	9,8	1420	0,94	74,0	3,8	1,8	31,5	100÷ 125	0,01150	14,7
DMS SR 90 LB 4	<b>1,8</b>	12,3	1400	0,97	68,0	3,3	2,0	36,0	100÷ 125	0,01270	15,5
DMS SR 100 LA 4	<b>2,2</b>	14,5	1410	0,94	73,0	3,6	2,1	40,0	125÷ 156	0,01970	17,5