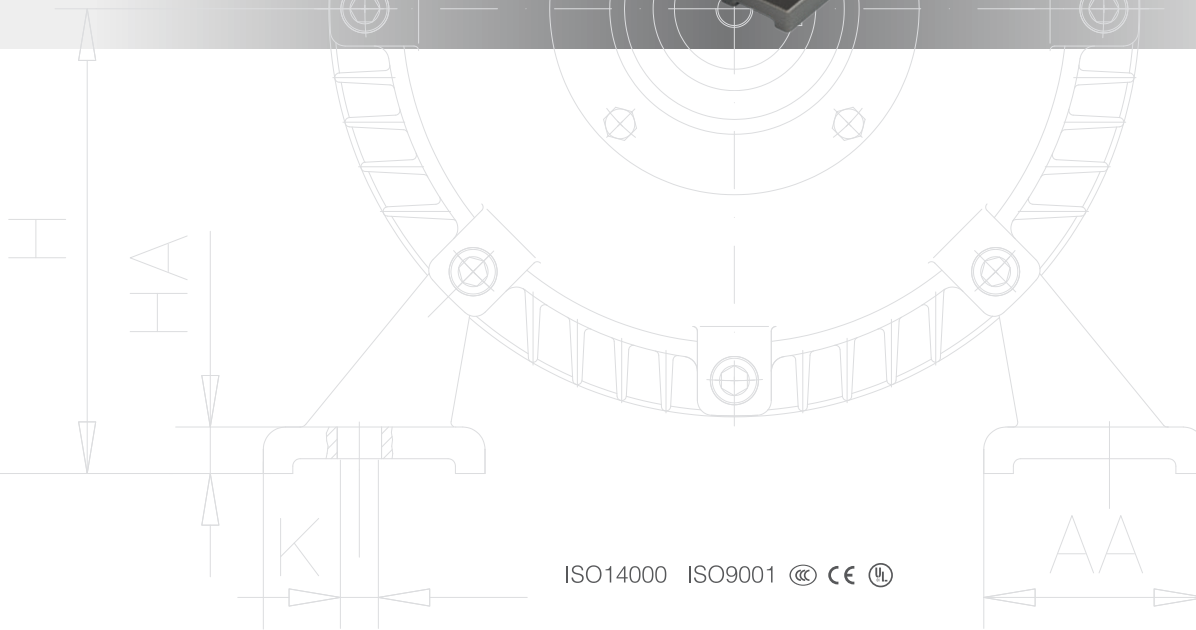
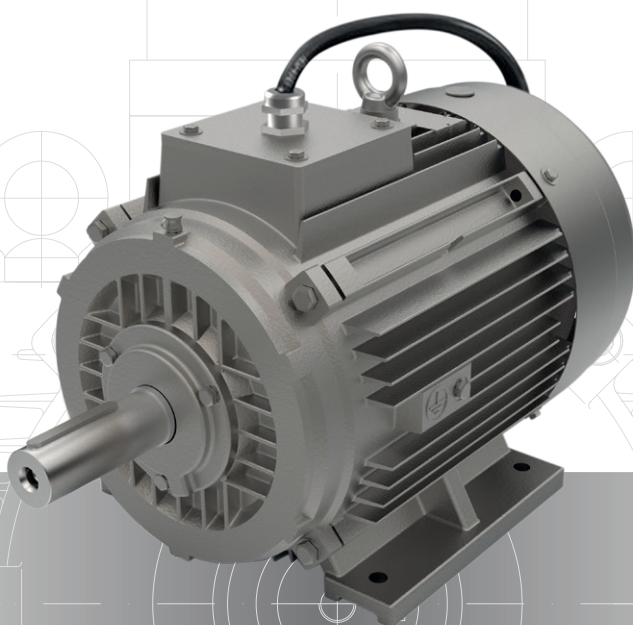




OMS

SMOKE EXTRACTION MOTOR SERIES

www.omemotors.com



GENERAL INFORMATION

OME Electric Motors Information

OMS Series Introduction

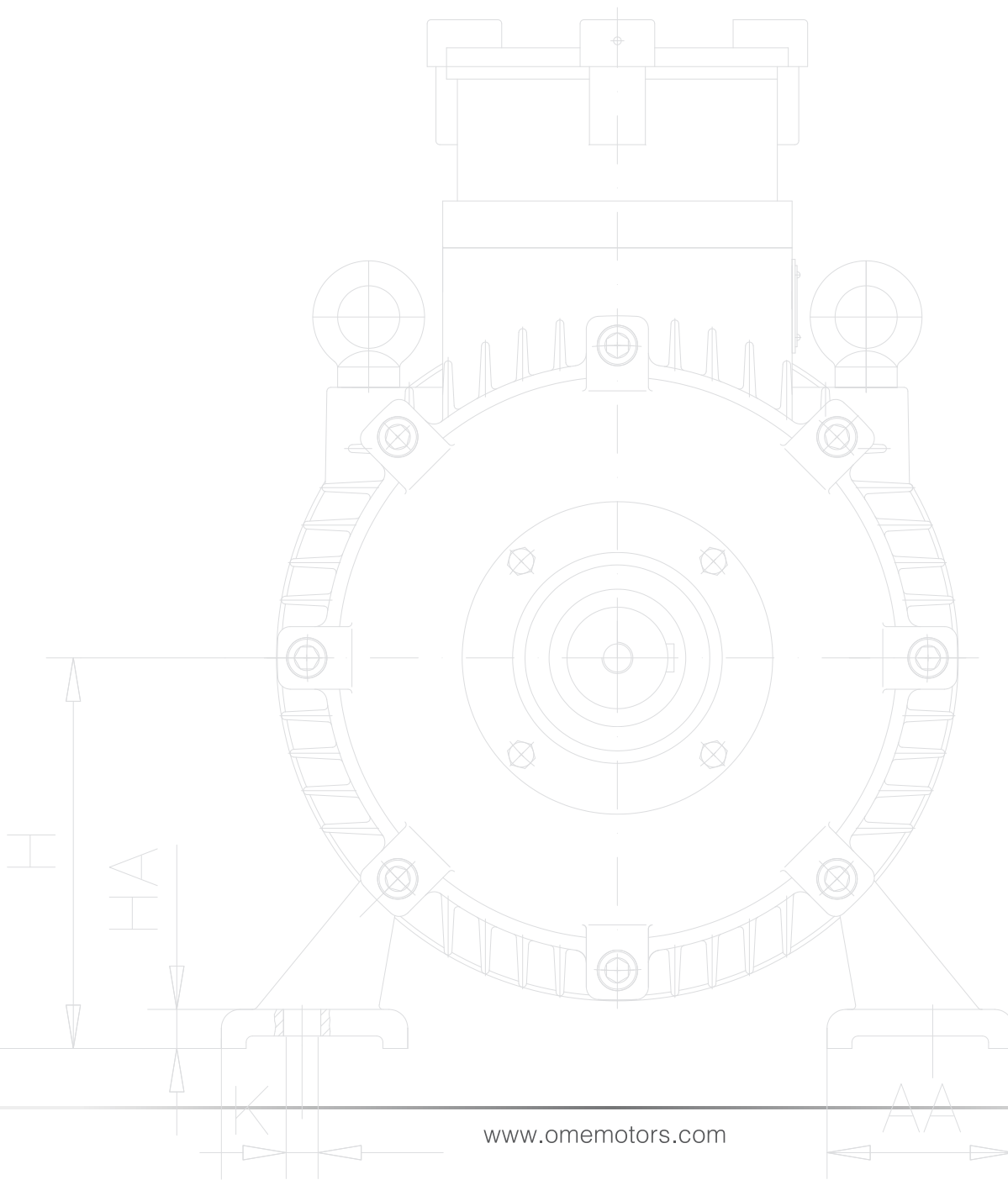
01

Technical Data

03

Overall Dimension

08

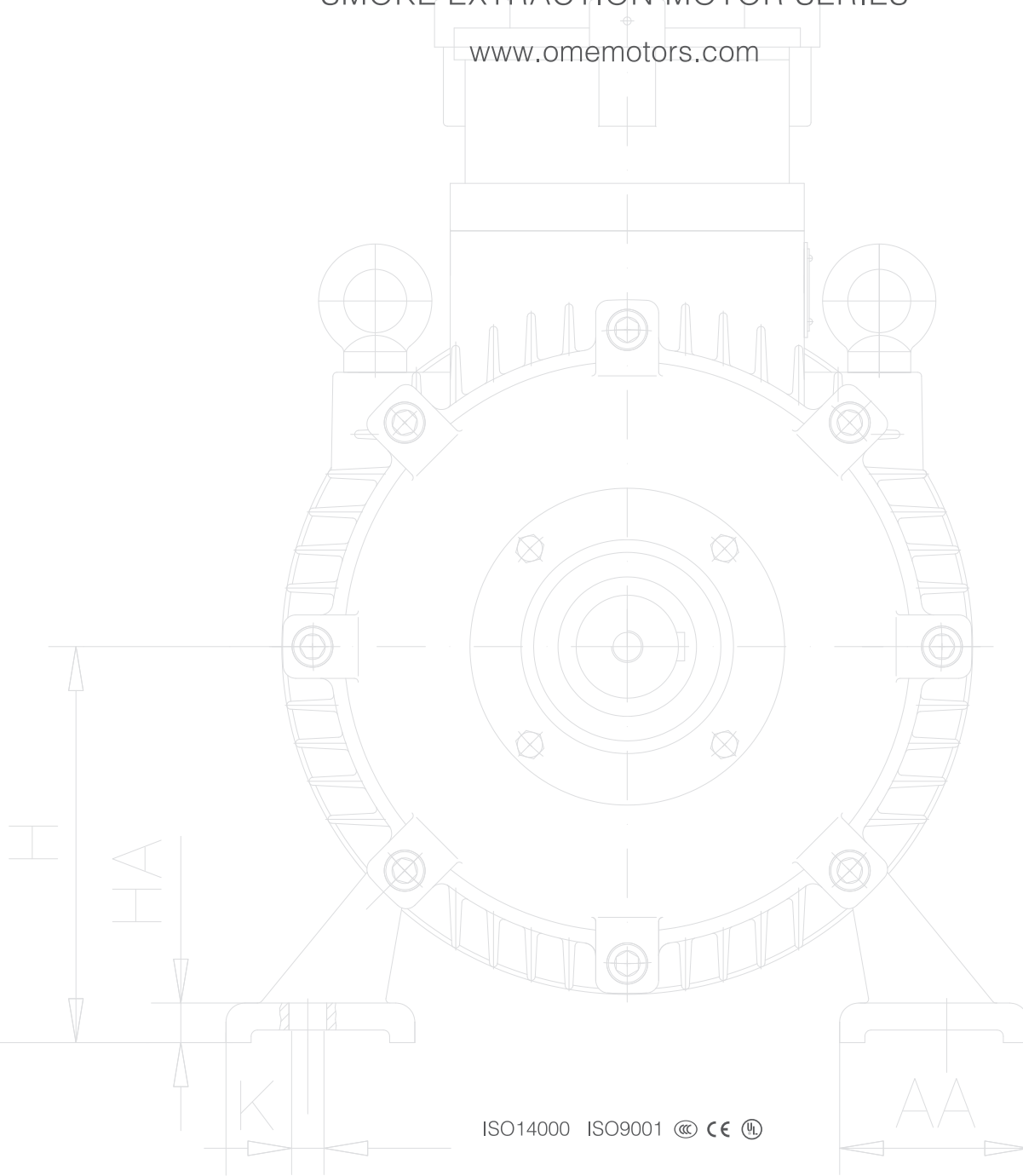




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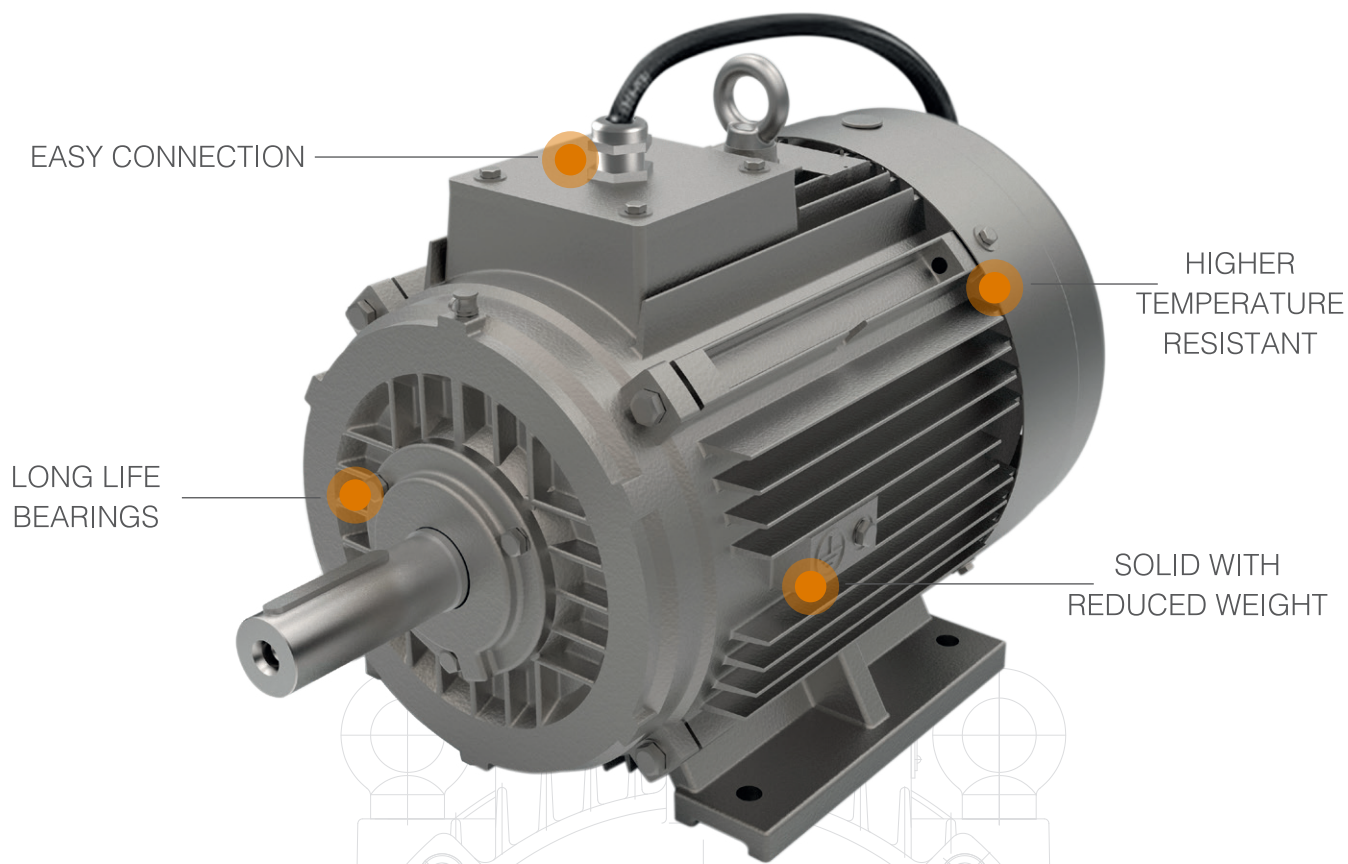
SMOKE EXTRACTION MOTOR SERIES

www.omemotors.com





OMS SMOKE EXTRACTION MOTOR SERIES



Reliable • Efficient • Fire Proof

- Smoke Extraction motors - designed and manufactured by OME are low voltage motors that offer high efficiency and at the same time effective energy savings, in line with environmental regulations.

- OME high efficiency motors ensure significant optimisation of energy consumption, safeguarding the environment and ensuring substantial savings in operating costs.



OME Electric Motors

OME smoke extraction motors are suitable for all industrial sectors and applications, complying with national and international mandatory efficiency rules.

OME's motors help our customers increase their productivity, save energy, improve quality and generate power.

- High quality components including superior copper, metal cable glands and SKF bearings. Thanks to their high quality, OME electric motors are perfectly suitable for heavy duty applications, with Long lasting performances.

High quality production



- OME also pays exceptional care and to the design attention of its electric motors. This increase the cooling efficiency and also the looking of the product.

Modern design



- Customized packaging that provides increased protection during transport and an easier handling.

Superior packaging





OME Electric Motors and Orsatti Group

OME is a well-established global reality born from the Orsatti family's long experience in the electrical machinery sector and characterized by a history in continuous evolution.

The key points that distinguish the Orsatti Group are in particular:

- Technical experience of over 50 years
- The continuous research for new solutions to increase the performance of our electric motors
- Development of technical solutions in compliance with current standards
- The tailor-made service to customize the motors on customer request
- The wide range of production to meet any market need
- The constant research for suitable solutions to increase the efficiency of our electric motors
- Compliance with the standards required for energy saving and environmental protection

MISSION

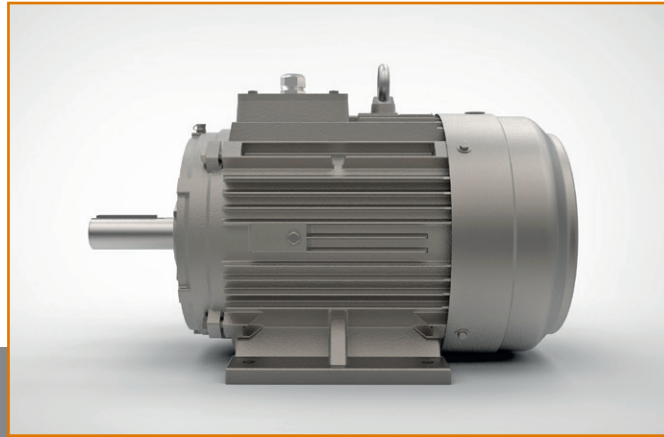
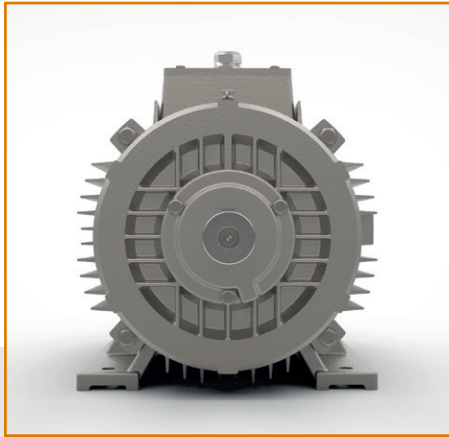
Our mission is to be a leading company in the production of electric motors at an international level.

VISION

Our vision is to design and manufacture highly customized motors, meeting the most varied customer requirements, managing to make competitive even the smallest realities.

VALUES

- The high quality of production, sales, service and maintenance;
- Intelligent and low costs logistics;
- Providing motors, services and expertise to save energy and improve customer processes throughout the life cycle of our products and beyond.



Series OMS

SMOKE EXTRACTION MOTOR SERIES
250° 4 Hours / 300°C 2 Hours

- Smoke extraction motors

- Motors for air intake and fume extraction in crowded environments.
- Reliable and safe devices in both normal and emergency situations, even at high temperatures.

Air Intake and Smoke Motors For Maximum Safety In Crowded Places.

The air and smoke intake motors are new products in the OME Motors range. These are three-phase electric motors designed and built specifically to be applied to fans and smoke extraction systems in industrial or commercial buildings with a large turnout of people. In all these cases the use of a fume extraction motor is able to guarantee the right ventilation and to increase the level of safety even in emergency situations.

The motor models for air intake and fume extraction are designed and developed by OME Motors to work in two different ways:

- Under normal conditions, they operate as air intake motors, guaranteeing the correct circulation of oxygen in closed environments.
- In emergency conditions they allow the rapid evacuation of smoke, delay fires and keep escape routes free, limiting subsequent damage; in these cases, moreover, the fume suction motors allow to protect any devices and equipment present, minimizing the thermal stress of the components.



- Characteristics and Functionality of Air Intake and Fume Extraction Motors.

The motors for air intake and fume extraction are designed for use in normal and emergency conditions. They, in particular:

- They work effectively with fans and smoke extraction systems.
- In normal conditions, they ensure proper air circulation in closed environments.
- They are designed to operate - in fire conditions - in complete autonomy, resisting two hours even at very high temperatures.
- They prevent or delay the spread of the fire, facilitating evacuation and rescue operations.

- Situations of Use and Application of Fume and Air Intake Motors.

The motor models for fumes and air extraction are designed to be used in air treatment plants and in combination with fans and blowers. Therefore, they can be successfully used in all places subject to crowding and passage of people, such as factories, warehouses, business centers, covered parking lots, road or underground tunnels, cinemas, airports, shopping centers, etc.). In particular, the devices made by OME Motors can be used as motors for industrial hoods, guaranteeing the correct ventilation of the systems, or as electric motors for tunnels, tunnels and underground roads, offering maximum safety to users even in the event of breakdowns or fires.

TECHNICAL DATA

• OMS Smoke Extractor Motor Series

2P Synchronous speed 3000r/min

Model T	Rated Output		Rated Current (A)			Speed rpm	Eff(%)	Power factor COSφ	Tst/Tn	Ist/In	Tmax/Tu
	KW	HP	at 380V	at 400V	at 415V						
OMS631-2	0.18	0.25	0.54	0.52	0.50	2720	63.0	0.80	2.2	5.5	2.2
OMS632-2	0.25	0.34	0.71	0.67	0.65	2720	66.0	0.81	2.2	5.5	2.2
OMS633-2	0.37	0.5	1.04	0.98	0.95	2730	67.0	0.81	2.2	5.5	2.2
OMS711-2	0.37	0.5	1.02	0.97	0.93	2740	68.0	0.81	2.2	6.1	2.2
OMS712-2	0.55	0.75	1.44	1.36	1.31	2740	71.0	0.82	2.2	6.1	2.3
OMS713-2	0.75	1	1.94	1.85	1.78	2750	71.5	0.82	2.2	6.1	2.3
OMS801-2	0.75	1	1.83	1.74	1.68	2830	75.0	0.83	2.2	6.1	2.3
OMS802-2	1.1	1.5	2.58	2.45	2.37	2830	77.0	0.84	2.2	7.0	2.3
OMS803-2	1.5	2	3.48	3.30	3.19	2830	78.0	0.84	2.2	7.0	2.3
OMS90S-2	1.5	2	3.43	3.26	3.14	2840	79.0	0.84	2.2	7.0	2.3
OMS90L-2	2.2	3	4.85	4.61	4.45	2840	81.0	0.85	2.2	7.0	2.3
OMS90L2-2	3	4	6.46	6.14	5.92	2850	82.0	0.86	2.2	7.0	2.3
OMS100L-2	3	4	6.31	6.00	5.78	2870	83.0	0.87	2.2	7.5	2.3
OMS100L2-2	4	5.5	8.32	7.90	7.61	2870	84.0	0.87	2.2	7.5	2.3
OMS112M-2	4	5.5	8.13	7.72	7.44	2890	85.0	0.88	2.2	7.5	2.3
OMS132S1-2	5.5	7.5	11.0	10.5	10.1	2900	86.0	0.88	2.2	7.5	2.3
OMS132S2-2	7.5	10	14.9	14.1	13.6	2900	87.0	0.88	2.2	7.5	2.3
OMS132M-2	9.2	12.5	18.2	17.2	16.6	2900	87.5	0.88	2.2	7.5	2.3
OMS160M1-2	11	15	21.2	20.2	19.5	2930	88.4	0.89	2.2	7.5	2.3
OMS160M2-2	15	20	28.6	27.2	26.2	2930	89.4	0.89	2.2	7.5	2.3
OMS160L-2	18.5	25	34.7	33.0	31.8	2930	90.0	0.90	2.2	7.5	2.3
OMS180M-2	22	30	41.0	39.0	37.6	2940	90.5	0.90	2.0	7.5	2.3
OMS200L1-2	30	40	55.4	52.6	50.7	2950	91.4	0.90	2.0	7.5	2.3
OMS200L2-2	37	50	67.9	64.5	62.2	2950	92.0	0.90	2.0	7.5	2.3
OMS225M-2	45	60	82.1	78.0	75.2	2970	92.5	0.90	2.0	7.5	2.3
OMS250M-2	55	75	100	94.8	91.4	2970	93.0	0.90	2.0	7.5	2.3
OMS280S-2	75	100	135	129	124	2970	93.6	0.90	2.0	7.5	2.3
OMS280M-2	90	125	160	152	146	2970	94.1	0.91	2.0	7.5	2.3
OMS315S-2	110	150	195	185	178	2980	94.4	0.91	1.8	7.1	2.2
OMS315M-2	132	180	233	222	214	2980	94.5	0.91	1.8	7.1	2.2
OMS315L1-2	160	220	278	264	255	2980	95.0	0.92	1.8	7.1	2.2
OMS315L2-2	200	270	348	330	318	2980	95.0	0.92	1.8	7.1	2.2
OMS355M1-2	220	300	382	363	350	2985	95.0	0.92	1.6	7.1	2.2
OMS355M2-2	250	335	435	413	398	2985	95.0	0.92	1.6	7.1	2.2
OMS355L1-2	280	375	487	462	446	2985	95.0	0.92	1.6	7.1	2.2
OMS355L2-2	315	425	548	520	501	2985	95.0	0.92	1.6	7.1	2.2
OMS400M1-2	355	475	631	599	578	2980	95.0	0.90	1.3	6.5	2.4
OMS400M2-2	400	535	711	675	651	2980	95.0	0.90	1.4	6.5	2.2
OMS400M3 2	450	600	800	760	732	2980	95.0	0.90	1.3	6.5	2.2
OMS400L1-2	500	670	879	835	805	2985	95.0	0.91	1.2	7.0	2.1
OMS400L2-2	560	750	984	935	901	2985	95.0	0.91	1.2	7.0	2.1

4P Synchronous speed 1500r/min

Model T	Rated Output		Rated Current (A)			Speed rpm	Eff(%)	Power factor COSφ	Tst/Tn	Ist/In	Tmax/Tu
	KW	HP	at 380V	at 400V	at 415V						
OMS631-4	0.12	0.16	0.46	0.44	0.42	1310	55.0	0.72	2.3	5.2	2.2
OMS632-4	0.18	0.25	0.65	0.61	0.59	1310	58.0	0.73	2.3	5.2	2.2
OMS633-4	0.25	0.34	0.87	0.82	0.79	1320	60.0	0.73	2.3	5.2	2.2
OMS711-4	0.25	0.34	0.81	0.77	0.75	1330	63.0	0.74	2.3	5.2	2.2
OMS712-4	0.37	0.5	1.15	1.10	1.06	1330	65.0	0.75	2.3	5.2	2.2
OMS713-4	0.55	0.75	1.66	1.58	1.52	1340	67.0	0.75	2.3	5.2	2.2
OMS801-4	0.55	0.75	1.57	1.49	1.44	1390	71.0	0.75	2.3	5.2	2.3
OMS802-4	0.75	1.0	2.02	1.91	1.85	1390	74.4	0.76	2.3	6.0	2.3
OMS803-4	1.1	1.5	2.92	2.77	2.67	1395	75.3	0.76	2.3	6.0	2.3
OMS90S-4	1.1	1.5	2.85	2.71	2.61	1400	76.2	0.77	2.3	6.0	2.3
OMS90L-4	1.5	2	3.68	3.49	3.37	1400	78.5	0.79	2.3	6.0	2.3
OMS90L2-4	2.2	3	5.34	5.08	4.89	1415	79.2	0.79	2.3	6.0	2.3
OMS100L1-4	2.2	3	5.09	4.84	4.67	1430	81.0	0.81	2.3	7.0	2.3
OMS10012-4	3	4	6.73	6.39	6.16	1430	82.6	0.82	2.3	7.0	2.3
OMS10013-4	4	5.5	8.94	8.49	8.19	1430	82.9	0.82	2.3	7.0	2.3
OMS112M-4	4	5.5	8.80	8.36	8.06	1440	84.2	0.82	2.3	7.0	2.3
OMS112112-4	5.5	7.5	12.0	11.4	11.0	1440	84.8	0.82	2.3	7.0	2.3
OMS132S-4	5.5	7.5	11.7	11.2	10.8	1440	85.7	0.83	2.3	7.0	2.3
OMS132M-4	7.5	10	15.6	14.8	14.3	1440	87.0	0.84	2.3	7.0	2.3
OMS132112-4	9.2	12.5	19.0	18.0	17.4	1440	87.7	0.84	2.3	7.0	2.3
OMS160M-4	11	15	22.2	21.1	20.4	1460	88.4	0.85	2.2	7.0	2.3
OMS160L-4	15	20	30.0	28.5	27.5	1460	89.4	0.85	2.2	7.5	2.3
OMS180M-4	18.5	25	36.3	34.5	33.3	1470	90.0	0.86	2.2	7.5	2.3
OMS180L-4	22	30	42.9	40.8	39.3	1470	90.5	0.86	2.2	7.5	2.3
OMS200L-4	30	40	58.0	55.1	53.1	1470	91.4	0.86	2.2	7.2	2.3
OMS225S-4	37	50	70.2	66.7	64.3	1480	92.0	0.87	2.2	7.2	2.3
OMS225M-4	45	60	85.0	80.7	77.8	1480	92.5	0.87	2.2	7.2	2.3
OMS250M-4	55	75	103	98.1	94.6	1480	93.0	0.87	2.2	7.2	2.3
OMS280S-4	75	100	140	133	128	1480	93.6	0.87	2.2	7.2	2.3
OMS280M-4	90	125	167	159	153	1490	93.9	0.87	2.2	7.2	2.3
OMS315S-4	110	150	201	191	184	1490	94.4	0.88	2.1	6.9	2.2
OMS315M-4	132	180	241	229	220	1490	94.7	0.88	2.1	6.9	2.2
OMS315LI-4	160	220	288	273	263	1490	95.0	0.89	2.1	6.9	2.2
OMS315L2-4	200	270	359	341	329	1490	95.0	0.89	2.1	6.9	2.2
OMS355111-4	220	300	391	371	358	1490	95.0	0.90	2.1	6.9	2.2
OMS355112-4	250	335	444	422	407	1490	95.0	0.90	2.1	6.9	2.2
OMS355L1-4	280	375	498	473	456	1490	95.0	0.90	2.1	6.9	2.2
OMS355L2-4	315	425	560	532	513	1490	95.0	0.90	2.1	6.9	2.2
OMS400M1-4	355	475	631	600	578	1490	96.0	0.89	1.5	6.5	2.9
OMS400M2-4	400	535	711	676	651	1491	96.0	0.89	1.5	6.5	2.8
OMS400113-4	450	600	791	752	725	1489	96.0	0.90	1.5	6.5	2.8
OMS400L1-4	500	670	879	835	805	1492	96.0	0.90	1.5	6.5	2.8
OMS400L2-4	560	750	985	936	902	1492	96.0	0.90	1.5	6.5	2.8
OMS400L3-4	630	840	1108	1052	1014	1487	96.0	0.90	1.5	6.5	2.8

6P Synchronous speed 1000r/min

Model T	Rated Output		Rated Current (A)			Speed rpm	Eff(%)	Power factor COSφ	Tst/Tn	Ist/In	Tmax/Tu
	KW	HP	at 380V	at 400V	at 415V						
OMS711-6	0.18	0.25	0.77	0.73	0.70	850	54.0	0.66	1.9	4.0	4.0
OMS712-6	0.25	0.34	0.98	0.93	0.90	850	57.0	0.68	1.9	4.0	4.0
OMS713-6	0.37	0.50	1.43	1.35	1.31	850	58.0	0.68	1.9	4.0	4.0
OMS801-6	0.37	0.50	1.34	1.27	1.23	890	60.0	0.70	1.9	4.7	4.7
OMS802-6	0.55	0.75	1.84	1.75	1.69	890	63.0	0.72	1.9	4.7	4.7
OMS803-6	0.75	1	2.40	2.28	2.20	890	66.0	0.72	1.9	4.7	4.7
OMS90S-6	0.75	1	2.19	2.08	2.00	910	72.4	0.72	2.0	5.5	5.5
OMS90L-6	1.1	1.5	3.00	2.85	2.75	910	76.2	0.73	2.0	5.5	5.5
OMS90L2-6	1.5	2	4.02	3.81	3.68	910	76.7	0.74	2.0	5.5	5.5
OMS100L-6	1.5	2	3.88	3.69	3.55	940	77.3	0.76	2.0	5.5	5.5
OMS112M-6	2.2	3	5.53	5.25	5.06	940	79.6	0.76	2.0	6.5	6.5
OMS112M2-6	3	4	7.40	7.03	6.78	940	81.0	0.76	2.0	6.5	6.5
OMS132S-6	3	4	7.37	7.00	6.75	960	81.4	0.76	2.1	6.5	6.5
OMS132M1-6	4	5.5	9.63	9.15	8.82	960	83.0	0.76	2.1	6.5	6.5
OMS132M2-6	5.5	7.5	12.8	12.2	11.7	960	84.6	0.77	2.1	6.5	6.5
OMS160M-6	7.5	10	17.0	16.1	15.6	970	86.0	0.78	2.1	6.5	6.5
OMS160L-6	11	15	24.2	22.9	22.1	970	87.6	0.79	2.1	6.5	6.5
OMS180L-6	15	20	31.7	30.1	29.0	970	88.8	0.81	2.0	7.0	7.0
OMS200L1-6	18.5	25	38.8	36.8	35.5	970	89.5	0.81	2.1	7.0	7.0
OMS200L2-6	22	30	44.7	42.5	40.9	970	90.1	0.83	2.1	7.0	7.0
OMS225M-6	30	40	59.6	56.6	54.5	980	91.1	0.84	2.0	7.0	7.0
OMS250M-6	37	50	71.3	67.7	65.3	980	91.7	0.86	2.1	7.0	7.0
OMS280S-6	45	60	86.1	81.8	78.9	980	92.3	0.86	2.1	7.0	7.0
OMS280M-6	55	75	105	99.5	95.9	980	92.8	0.86	2.1	7.0	7.0
OMS315S-6	75	100	142	135	130	990	93.5	0.86	2.0	7.0	7.0
OMS315M-6	90	125	169	161	155	990	93.9	0.86	2.0	7.0	7.0
OMS315L1-6	no	150	206	196	189	990	94.3	0.86	2.0	6.7	6.7
OMS315L2-6	132	180	243	231	223	990	94.7	0.87	2.0	6.7	6.7
OMS355M1-6	160	220	291	277	267	990	94.9	0.88	1.9	6.7	6.7
OMS355M2-6	200	270	364	346	333	990	94.9	0.88	1.9	6.7	6.7
OMS355L1-6	220	300	400	380	367	990	94.9	0.88	1.9	6.7	6.7
OMS355L-6	250	335	455	432	416	990	94.9	0.88	1.9	6.7	6.7
OMS400M1-6	315	420	572	544	524	992	95.0	0.88	1.4	6.5	6.5
OMS400M2-6	355	475	645	613	591	995	95.0	0.88	1.4	6.5	6.5
OMS400L1-6	400	535	727	691	666	991	95.0	0.88	1.4	6.5	6.5
OMS400L2-6	450	600	818	777	749	995	95.0	0.88	1.4	6.5	6.5
OMS400L3-6	500	670	909	863	832	994	95.0	0.88	1.4	6.5	6.5

8P Synchronous speed 750r/min

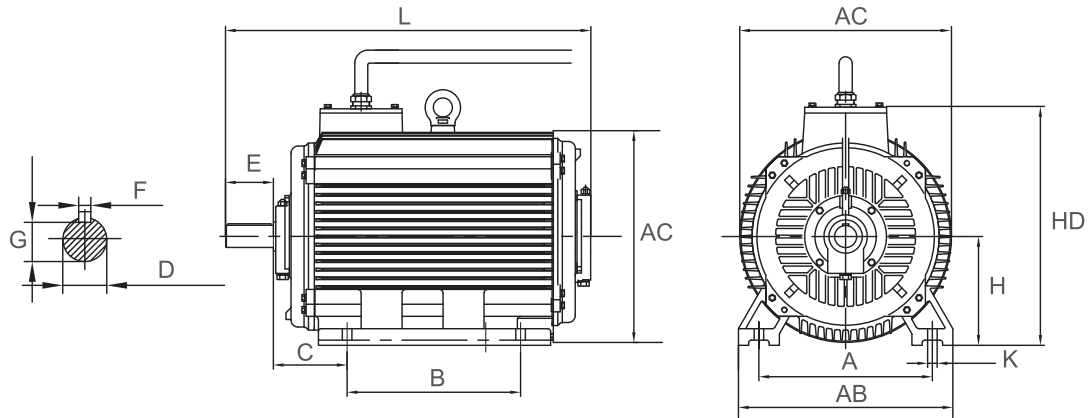
Model T	Rated Output		Rated Current (A)			Speed rpm	Eff(%)	Power factor COSφ	Tst/Tn	Ist/In	Tmax/Tu
	KW	HP	at 380V	at 400V	at 415V						
OMS801-8	0.18	0.25	0.91	0.87	0.84	630	49.0	0.61	1.8	4.0	1.9
OMS802-8	0.25	0.34	1.20	1.14	1.10	640	52.0	0.61	1.8	4.0	1.9
OMS90S-8	0.37	0.50	1.54	1.46	1.41	660	60.0	0.61	1.8	4.0	1.9
OMS90L-8	0.55	0.75	2.25	2.13	2.06	660	61.0	0.61	1.8	4.0	2.0
OMS100L1-8	0.75	1	2.43	2.31	2.22	690	70.0	0.67	1.8	4.0	2.0
OMS100L2-8	1.1	1.5	3.32	3.16	3.04	690	72.9	0.69	1.8	5.0	2.0
OMSU2V-8	1.5	2	4.39	4.17	4.02	680	75.2	0.69	1.8	5.0	2.0
OMS132S-8	2.2	3	6.06	5.76	5.55	710	77.7	0.71	1.8	6.0	2.0
OMS132V-8	3	4	7.83	7.44	7.17	710	79.7	0.73	1.8	6.0	2.0
OMS160V1-8	4	5.5	10.2	9.72	9.37	720	81.4	0.73	1.9	6.0	2.0
OMS160V2-8	5.5	7.5	13.6	12.9	12.4	720	83.1	0.74	2.0	6.0	2.0
OMS160L-8	7.5	10	17.9	17.0	16.4	720	84.7	0.75	2.0	6.0	2.0
OMS180L-8	11	15	25.5	24.2	23.3	730	86.4	0.76	2.0	6.6	2.0
OMS200L-8	15	20	34.2	32.5	31.3	730	87.7	0.76	2.0	6.6	2.0
OMS225S-8	18.5	25	41.7	39.7	38.2	730	88.6	0.76	1.9	6.6	2.0
OMS225M-8	22	30	48.0	45.6	44.0	740	89.2	0.78	1.9	6.6	2.0
OMS250VH-8	30	40	64.0	60.8	58.6	740	90.2	0.79	1.9	6.6	2.0
OMS280S-8	37	50	78.4	74.5	71.8	740	90.8	0.79	1.9	6.6	2.0
OMS280V-8	45	60	94.7	90.0	86.7	740	91.4	0.79	1.9	6.6	2.0
OMS315S-8	55	75	112	107	103	740	91.9	0.81	1.8	6.6	2.0
OMS315V-8	75	100	152	144	139	740	92.6	0.81	1.8	6.6	2.0
OMS315L1-8	90	125	180	171	164	740	92.9	0.82	1.8	6.6	2.0
OMS315L2-8	110	150	218	208	200	740	93.3	0.82	1.8	6.4	2.0
OMS355S41-8	132	180	262	249	240	740	93.5	0.82	1.8	6.4	2.0
OMS355V2-8	160	220	316	300	289	740	93.8	0.82	1.8	6.4	2.0
OMS355L1-8	180	240	355	337	325	740	94.0	0.82	1.8	6.4	2.0
OMS355L2-8	200	270	389	370	357	740	94.0	0.83	1.8	6.4	2.0
OMS400V1-8	250	335	487	463	446	745	94.0	0.83	1.3	6.4	3.0
OMS400V2-8	280	375	545	518	499	745	94.0	0.83	1.3	6.4	3.0
OMS400L1-8	315	425	613	583	562	746	94.0	0.83	1.3	6.4	3.0
OMS400L2-8	355	475	691	657	633	744	94.0	0.83	1.3	6.4	3.0
OMS400L3-8	400	535	779	740	713	743	94.0	0.83	1.3	6.4	3.0

10P

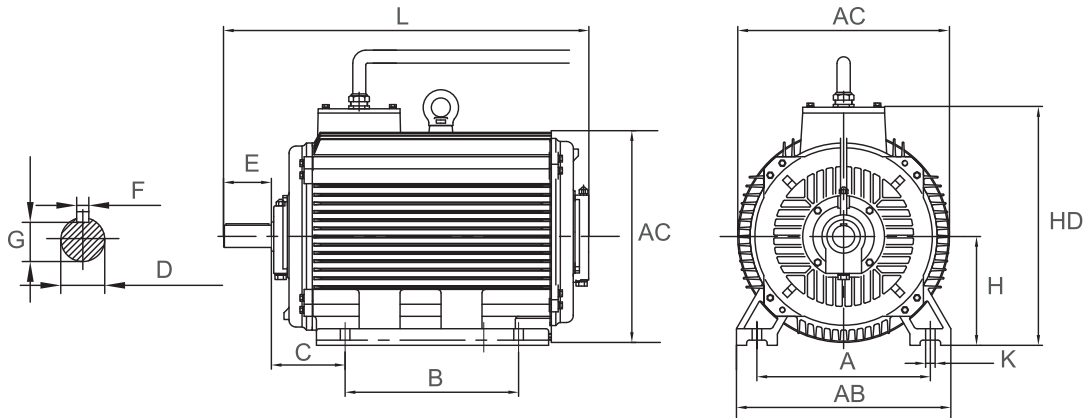
Synchronous speed 600r/min

Model T	Rated Output		Rated Current (A)			Speed rpm	Eff(%)	Power factor COSφ	Tst/Tn	Ist/In	Tmax/Tu
	KW	HP	at 380V	at 400V	at 415V						
OMS80L-10	7.5	10	20.6	19.5	18.8	530	77.0	0.72	1.9	6.6	2.0
OMS2001-10	11	15	28.7	27.2	26.2	540	81.0	0.72	1.9	6.6	2.0
OMS225S-10	15	20	37.7	35.8	34.5	570	84.0	0.72	1.9	6.6	2.0
OMS225V-10	18.5	25	45.3	43.0	41.5	580	85.0	0.73	1.9	6.6	2.0
OMS250V-10	22	30	53.2	50.6	48.8	580	86.0	0.73	1.9	6.6	2.0
OMS280S-10	30	40	67.4	64.0	61.7	585	89.0	0.76	1.9	6.6	2.0
OMS280V-10	37	50	81.1	77.1	74.3	585	90.0	0.77	1.9	6.6	2.0
OMS315S-10	45	60	98	93	89	585	91.0	0.77	1.8	6.6	2.0
OMS315V-10	55	75	116	111	107	590	92.0	0.78	1.8	6.6	2.0
OMS315L1-10	75	100	157	149	144	590	92.0	0.79	1.8	6.6	2.0
OMS315L2-10	90	125	186	177	170	590	93.0	0.79	1.8	6.4	2.0
OMS355S*1-10	110	150	221	210	202	590	93.5	0.81	1.8	6.4	2.0
OMS355V2-10	132	180	263	250	241	590	94.0	0.81	1.8	6.4	2.0
OMS355L1-10	160	220	314	298	288	590	94.4	0.82	1.8	6.4	2.0
OMS355L2-10	180	240	349	331	319	590	94.5	0.83	1.8	6.4	2.0
OMS400V1-10	200	270	387	368	355	590	94.5	0.83	1.3	6.4	3.0
OMS400M2-10	250	335	484	460	443	590	94.5	0.83	1.3	6.4	3.0
OMS400L1-10	280	375	542	515	497	590	94.5	0.83	1.3	6.4	3.0
OMS400L2-10	315	425	610	580	559	590	94.5	0.83	1.3	6.4	3.0
OMS400L3-10	355	475	688	653	630	590	94.5	0.83	1.3	6.4	3.0

MOUNTING AND OVERALL DIMENSIONS



IM B3 H80-355															
TYPE	POLE	A	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L
63	2-8	100	80	40	11	23	4	8.5	63	7	135	130	70	180	225
71	2-8	112	90	45	14	30	5	11	71	7	150	145	80	195	250
80	2-8	125	100	50	19	40	6	15.5	80	10	165	175	145	214	295
90S	2-8	140	100	56	24	50	8	20	90	10	180	195	155	250	315
90L	2-8	140	125	56	24	50	8	20	90	10	180	195	155	250	340
100L	2-8	160	140	63	28	60	8	24	100	12	205	215	180	270	385
112M	2-8	190	140	70	28	60	8	24	112	12	230	240	190	300	400
132S	2-8	216	140	89	38	80	10	33	132	12	270	275	210	345	470
132M	2-8	216	178	89	38	80	10	33	132	12	270	275	210	345	510
160M	2-8	254	210	108	42	110	12	37	160	15	320	330	255	420	615
160L	2-8	254	254	108	42	110	12	37	160	15	320	330	255	420	670
180M	2-8	279	241	121	48	110	14	42.5	180	15	355	380	280	455	700
180L	2-8	279	279	121	48	110	14	42.5	180	15	355	380	280	455	740
200L	2-8	318	305	133	55	110	16	49	200	19	420	400	305	480	770
225S	4-8	356	286	149	60	140	18	53	225	19	435	470	335	555	815
225M	2	356	311	149	55	110	16	49	225	19	435	470	335	555	840
	4-8	356	311	149	60	140	18	53	225	19	435	470	335	555	845
250M	2	406	349	168	60	140	18	53	250	24	490	510	370	615	910
	4-8	406	349	168	65	140	18	58	250	24	490	510	370	615	910
280S	2	457	368	190	65	140	18	53	280	24	550	580	410	680	985
	4-8	457	368	190	75	140	20	67.5	280	24	550	580	410	680	985
280M	2	457	419	190	65	140	18	53	280	24	550	580	410	680	1035
	4-8	457	419	190	75	140	20	67.5	280	24	550	580	410	680	1035
315S	2	508	406	216	65	140	18	59	315	28	635	645	530	845	1160
	1-10	508	406	216	80	170	22	71	315	28	635	645	530	845	1270
315M	2	508	457	216	65	140	18	53	315	28	635	645	530	845	1190
	4-10	508	457	216	80	170	22	71	315	28	635	645	530	845	1300
315L	2	508	508	216	65	140	18	53	315	28	635	645	530	845	1190
	4-10	508	508	216	80	170	22	71	315	28	635	645	530	845	1300
355M	2	610	560	254	75	140	20	67.5	355	28	730	710	655	1010	1500
	4-10	610	560	254	95	170	25	85	355	28	730	710	655	1010	1530
	4-10	610	560	254	100	210	28	90	355	28	730	710	655	1010	1570
355L	2	610	630	254	75	140	20	67.5	355	28	730	710	655	1010	1500
	4-10	610	630	254	95	170	25	85	355	28	730	710	655	1010	1530
	4-10	610	630	254	100	210	28	90	355	28	730	710	655	1010	1570



IM B3 H80-355

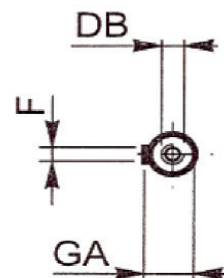
TYPE	POLE	A	B	C	D	E	F	G	H	K	AB	AC	AD	HD	L
63	2-8	100	80	40	11	23	4	8.5	63	7	135	130	70	180	182
71	2-8	112	90	45	14	30	5	11	71	7	150	145	80	195	204
80	2-8	125	100	50	19	40	6	15.5	80	10	165	175	145	214	236
90S	2-8	140	100	56	24	50	8	20	90	10	180	195	155	250	260
90L	2-8	140	125	56	24	50	8	20	90	10	180	195	155	250	285
100L	2-8	160	140	63	28	60	8	24	100	12	205	215	180	270	318
112M	2-8	190	140	70	28	60	8	24	112	12	230	240	190	300	330
132S	2-8	216	140	89	38	80	10	33	132	12	270	275	210	345	386
132M	2-8	216	178	89	38	80	10	33	132	12	270	275	210	345	424
160M	2-8	254	210	108	42	110	12	37	160	15	320	330	255	420	532
160L	2-8	254	254	108	42	110	12	37	160	15	320	330	255	420	576
180M	2-8	279	241	121	48	110	14	42.5	180	15	355	380	280	455	598
180L	2-8	279	279	121	48	110	14	42.5	180	15	355	380	280	455	636
200L	2-8	318	305	133	55	110	16	49	200	19	420	400	305	480	675
225S	4-8	356	286	149	60	140	18	53	225	19	435	470	335	555	687
225M	2	356	311	149	55	110	16	49	225	19	435	470	335	555	682
	4-8	356	311	149	60	140	18	53	225	19	435	470	335	555	712
250M	2	406	349	168	60	140	18	53	250	24	490	510	370	615	778
	4-8	406	349	168	65	140	18	58	250	24	490	510	370	615	778
280S	2	457	368	190	65	140	18	58	280	24	550	580	410	680	859
	4-8	457	368	190	75	140	20	67.5	280	24	550	580	410	680	859
280M	2	457	419	190	65	140	18	58	280	24	550	580	410	680	910
	4-8	457	419	190	75	140	20	67.5	280	24	550	580	410	680	910
315S	2	508	406	216	65	140	18	58	315	28	635	645	530	845	1024
	4-10	508	406	216	80	170	22	71	315	28	635	645	530	845	1054
315M	2	508	457	216	65	140	18	58	315	28	635	645	530	845	1134
	4-10	508	457	216	80	170	22	71	315	28	635	645	530	845	1164
315L	2	508	508	216	65	140	18	58	315	28	635	645	530	845	1134
	4-10	508	508	216	80	170	22	71	315	28	635	645	530	845	1164
355M	2	610	560	254	75	140	20	67.5	355	28	730	710	655	1010	1324
	4-10	610	560	254	95	170	25	86	355	28	730	710	655	1010	1354
	4 10	610	560	254	100	210	28	90	355	28	730	710	655	1010	1394
355L	2	610	630	254	75	140	20	67.5	355	28	730	710	655	1010	1324
	4-10	610	630	254	95	170	25	86	355	28	730	710	655	1010	1354
	4-10	610	630	254	100	210	28	90	355	28	730	710	655	1010	1394

BEARINGS ARRANGEMENT OF STANDARD MOTORS

FRAME SIZE	POLE	DE	NDE
63	2-4	6201770	62*1770
71	2-6	6202ZZC3	6202270
84	2-8	620477 C3	6204 7 7 0
94	2-8	6205770	6205770
106	2-8	620677 C3	620677 0
112	2-8	624677 0 or 6366ZZC3	62(167703 or 630677 03
132	2-8	6208/70 or 6308770	62087703 or 630877 0
164	2-10	6309770 or 6309 C3	6309770 or 6309 0
184	2-10	63110	63110
204	2-10	63120	6312 0
225	2-10	6313 0	63130
236	2-10	6314 0	63140
286	2	63140	63140
	4-12	63170	6317 03
315	2	63170	63170
	4	6319 0	63190
	6-12	NU 2319 0	63190
355	2	63140	63190
	4	6322 0	63220
	6-12	MI 2322 0	6322 03
404	2	63190	6319 03
	4	6326 0	6326 0
	6-12	MI 23260	63260

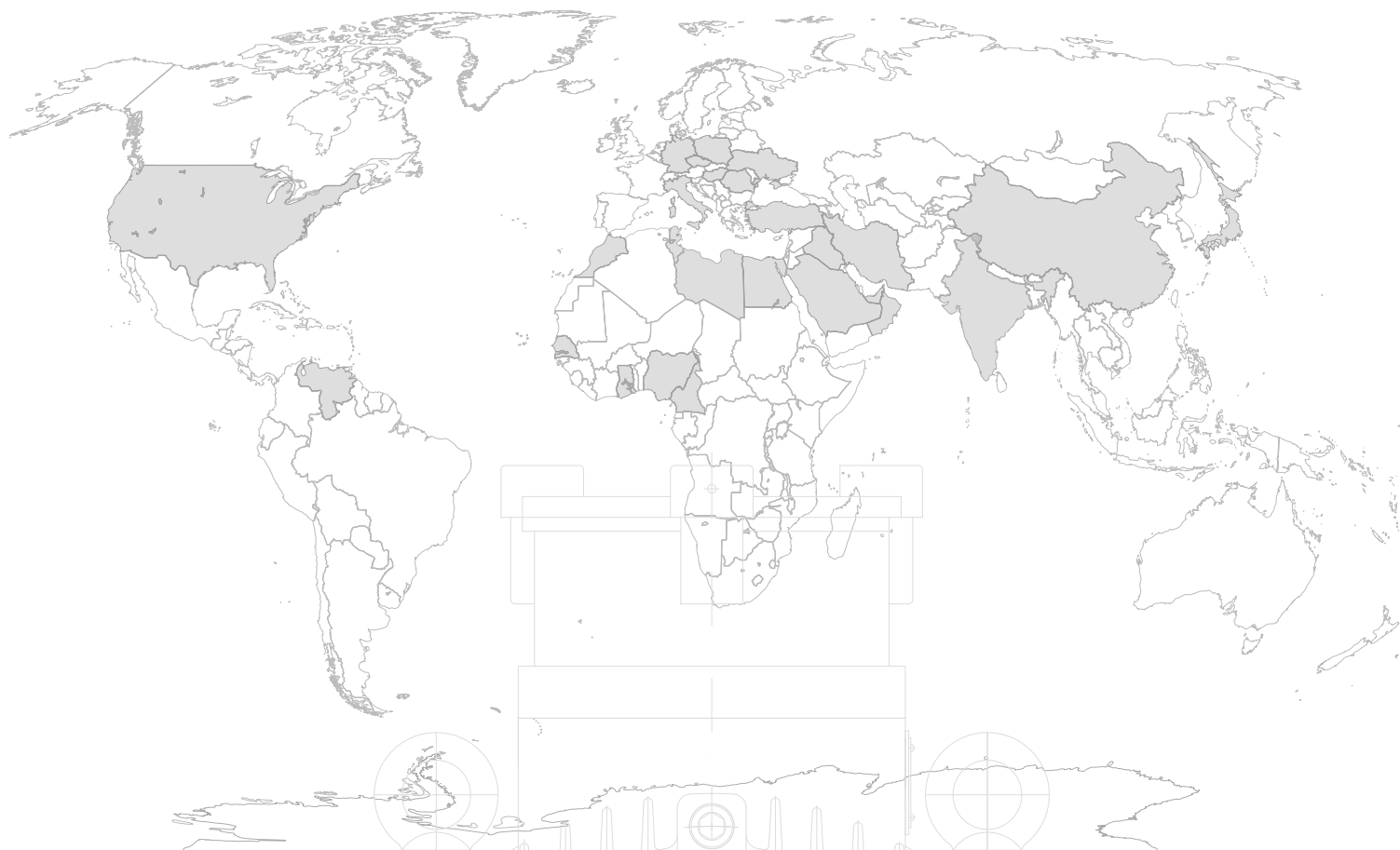
THREADED HOLE DIMENSIONS OF SHAFT EXTENSION

SHAFT EXTENSION	DB DIMENSION	F (MM)	USED FOR STANDARD FRAME SIZE	EFFECTIVE DEPTH (MM)
9	M3	3	56	9
11	M 4	4	63	12
14	M 5	5	71	12
19	M 6	6	80	16
24	M 8	8	90	19
28	M16	8	100-112	22
38	M12	10	132	28
42	M16	12	160	36
48	M16	14	180	36
55	M20	16	200, 225-2	42
60	M20	18	225-4, 6, 8, 250-2	42
65	M20	18	2504, 6, 8, 280-2, 315-2	42
75	M20	20	280-4, 6, 8, 355-2	42
80	M20	22	315-4, 6, 8	42
95 or 100	M20	25	1554, 6, B	42
110	M20	28	400-4, 6, 8	42



CATALOGUE

OMS Smoke Extraction Motor Series



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