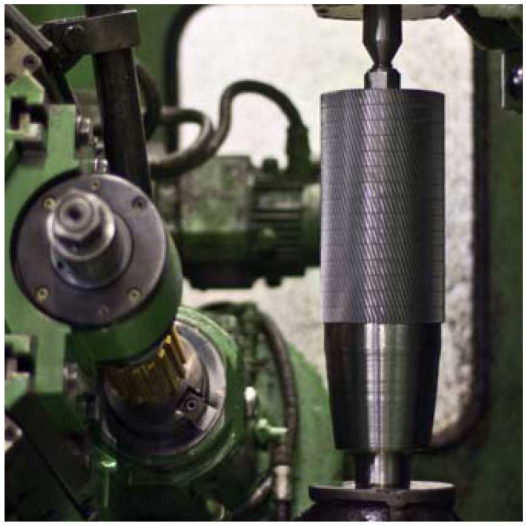
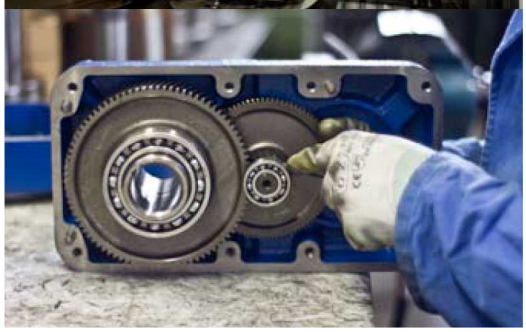


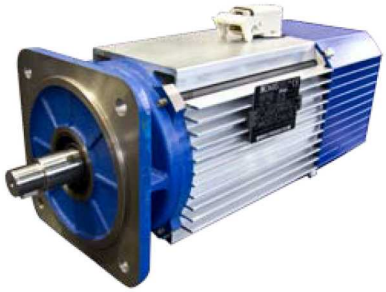


OMIS drive units have been developed to meet the specific needs in the material handling market. They are characterised by graduality of starting and slowing down. They also offer smooth and noiseless running. The use of high-quality materials and the constant control of all components in every production phase, allow great reliability.
OMIS drive units ensure low maintenance costs as they have been designed to suit the most severe operative conditions.

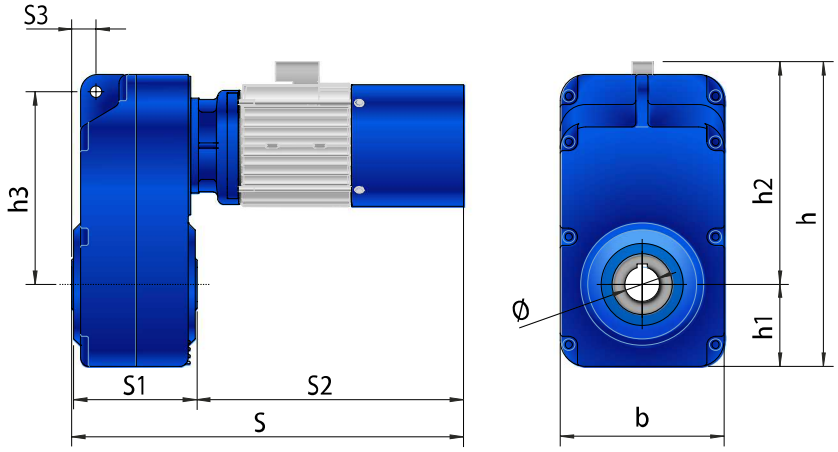
Gears are of helical spur type and constructed from casehardening steel.
Boxes are obtained from cast iron in two halves.

Once closed, gearboxes are life-time lubricated with grease.
High mechanical efficiency is ensured by accurate controls during the assembling phase.

Motors are of short-circuited type. They feature protection IP55 and insulation class F.
The possibility to match each gearbox with different motors allows several LT and CT speeds.



MQ motors are cylindrical rotor, flux deviation motors and are suitable for Inverter use MEC motors feature an external electro-magnetic brake that guarantees higher braking torques. They come as single pole rotor motors for inverter use or as dual-speed, rotor pole change motors.



GEARMOTOR	GEARBOX				MOTOR				DIMENSIONS [mm]										WEIGHT
CODE	TYPE	DUTY (vs. ratio)			TYPE	USE	rpm	kW	ø	s	s1	s2	s3	b	h	h1	h2	h3	kg
		61.3																	
SNR03080005	R03	M5	—	—	MQ	Inverter	2860	0.37	30	340	100	240	27	145	284	70	214	150	19
SNR03080100	R03	M5	—	—	MQ	Dual Speed	2500/820	0.25/0.08	30	340	100	240	27	145	284	70	214	150	21
SFR03080150	R03	M5	—	—	MQ	Dual Speed	2500/820	0.37/0.12	30	340	100	240	27	145	284	70	214	150	23
		61.2	40.7	31.3															
SNR05080010	R05	M5	M6	M6	MQ	Inverter	2860	0.37	30	345	105	240	25	155	327	90	237	180	24
SNR05080020	R05	M4	M5	M6	MQ	Inverter	2830	0.75	30	345	105	240	25	155	327	90	237	180	25
SFR05080200	R05	M5	M6	M6	MQ	Dual Speed	2500/820	0.37/0.12	30	415	105	310	25	155	327	90	237	180	28
SFR05080250	R05	M4	M5	M5	MQ	Dual Speed	2400/870	0.55/0.18	30	415	105	310	25	155	327	90	237	180	28
SFR05090300	R05	M4	M5	M5	MQ	Dual Speed	2600/800	0.75/0.25	30	465	105	360	25	155	327	90	237	180	32
		61.3	51.4	40.8															
SFR15090030	R15	M5	M6	M6	MQ	Inverter	2800	1.1	40	430	120	310	24	180	353	90	263	200	36
SFR15090035	R15	M5	M5	M6	MQ	Inverter	2750	1.5	40	430	120	310	24	180	353	90	263	200	37
SFR15090350	R15	M5	M6	M6	MQ	Dual Speed	2600/800	0.75/0.25	40	480	120	360	24	180	353	90	263	200	37
SFR15090360	R15	M5	M6	M6	MQ	Dual Speed	2500/760	1.1/0.36	40	480	120	360	24	180	353	90	263	200	42
SFR15090370	R15	M5	M5	M6	MQ	Dual Speed	2600/840	1.5/0.5	40	500	120	380	24	180	353	90	263	200	42
		82.3																	
SFR20090040	R20	M6	—	—	MQ	Inverter	2800	1.1	40	455	145	310	28	190	357	95	262	223	46
SFR20090045	R20	M5	—	—	MQ	Inverter	2750	1.5	40	455	145	310	28	190	357	95	262	223	47
SFR20090380	R20	M6	—	—	MQ	Dual Speed	2600/800	0.75/0.25	40	505	145	360	28	190	357	95	262	223	49
SFR20090390	R20	M6	—	—	MQ	Dual Speed	2500/760	1.1/0.36	40	505	145	360	28	190	357	95	262	223	52
SFR20090400	R20	M5	—	—	MQ	Dual Speed	2600/840	1.5/0.5	40	525	145	380	28	190	357	95	262	223	52
		91.1	72.9	62.6															
SFR25100055	R25	M5	M6	M6	MQ	Inverter	2750	2.2	50	500	175	325	35	240	421	136	285	250	74
SOR25100037	R25	M5	M6	M6	MEC	Inverter	1400	2.2	50	540	175	365	35	240	480	136	344	250	80
SOR25100040	R25	M4	M5	M6	MEC	Inverter	1400	3	50	540	175	365	35	240	480	136	344	250	80
SNR25090420	R25	M6	M6	M6	MQ	Dual Speed	2500/760	1.1/0.36	50	530	175	355	35	240	421	136	285	250	75
SNR25090430	R25	M6	M6	M6	MQ	Dual Speed	2600/840	1.5/0.5	50	550	175	375	35	240	421	136	285	250	78
SOR25100700	R25	M6	M6	M6	MEC	Dual Speed	2865/945	1.5/0.5	50	570	175	395	35	240	480	136	344	250	82
		104.2	80.2	59.8															
SOSTD100045	R30	M6	M6	M6	MEC	Inverter	1400	2.2	70	570	210	360	38	300	547	150	397	360	132
SOSTD100050	R30	M5	M6	M6	MEC	Inverter	1400	3	70	570	210	360	38	300	547	150	397	360	135
SOSTD112060	R30	M5	M5	M6	MEC	Inverter	1400	4	70	615	210	405	38	300	565	150	415	360	147
SOSTD100750	R30	M6	M6	M6	MEC	Dual Speed	2850/945	1.5/0.5	70	570	210	360	38	300	547	150	397	360	138
SOSTD112850	R30	M6	M6	M6	MEC	Dual Speed	2850/945	2.2/0.76	70	595	210	415	38	300	565	150	415	360	147
SOSTD112900	R30	M5	M6	M6	MEC	Dual Speed	2850/945	3/1	70	595	210	415	38	300	565	150	415	360	151

R30 gearboxes are also available with the following reduction ratios: 120.2 - 91.1 - 71.0 - 52.3 - 46.1 - 40.8 - 30.9 - 27.2 - 24.1