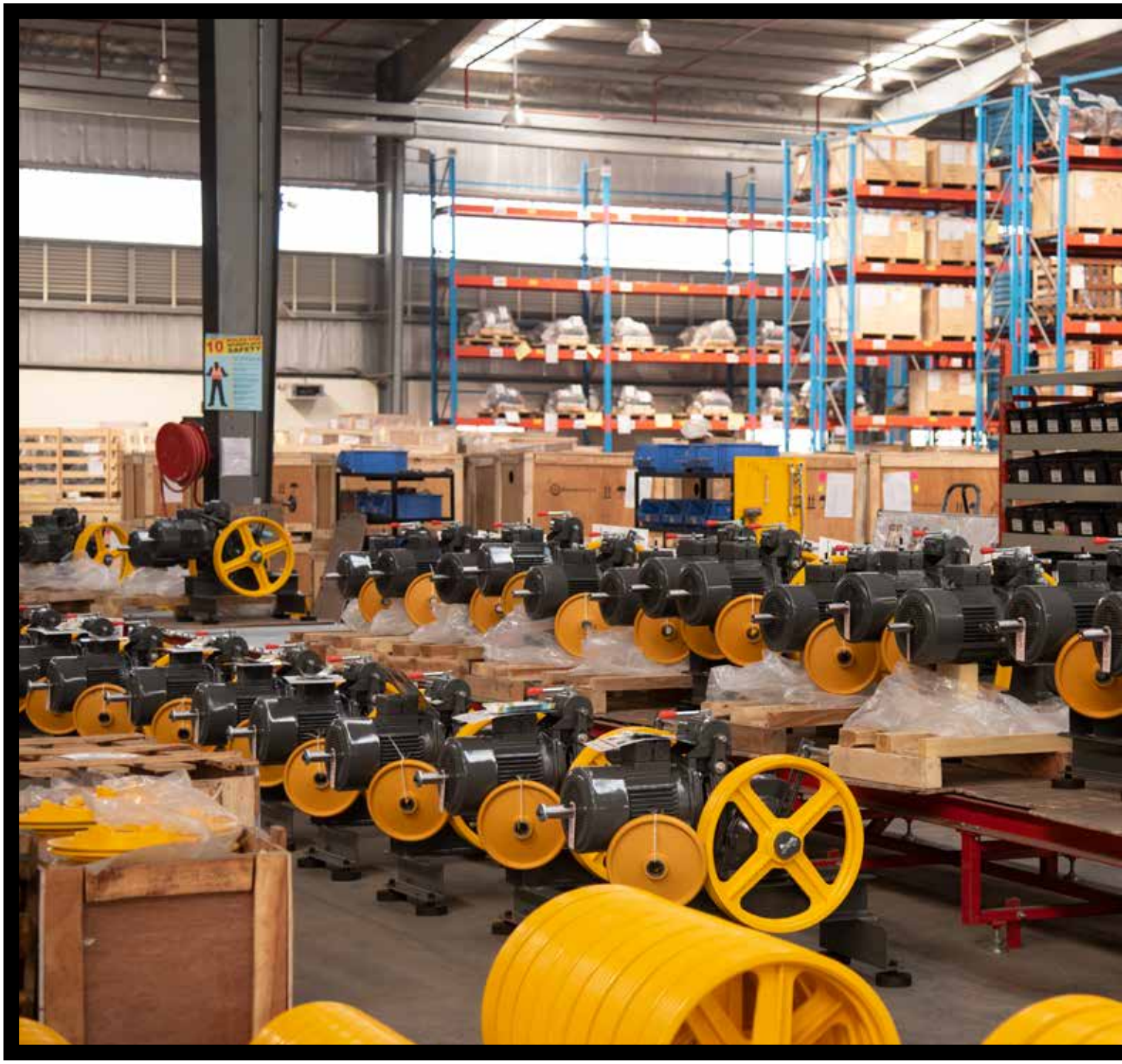
Montanari Group
GEARLESS&GEARBOX
TRACTION MACHINES

GEARBOXES

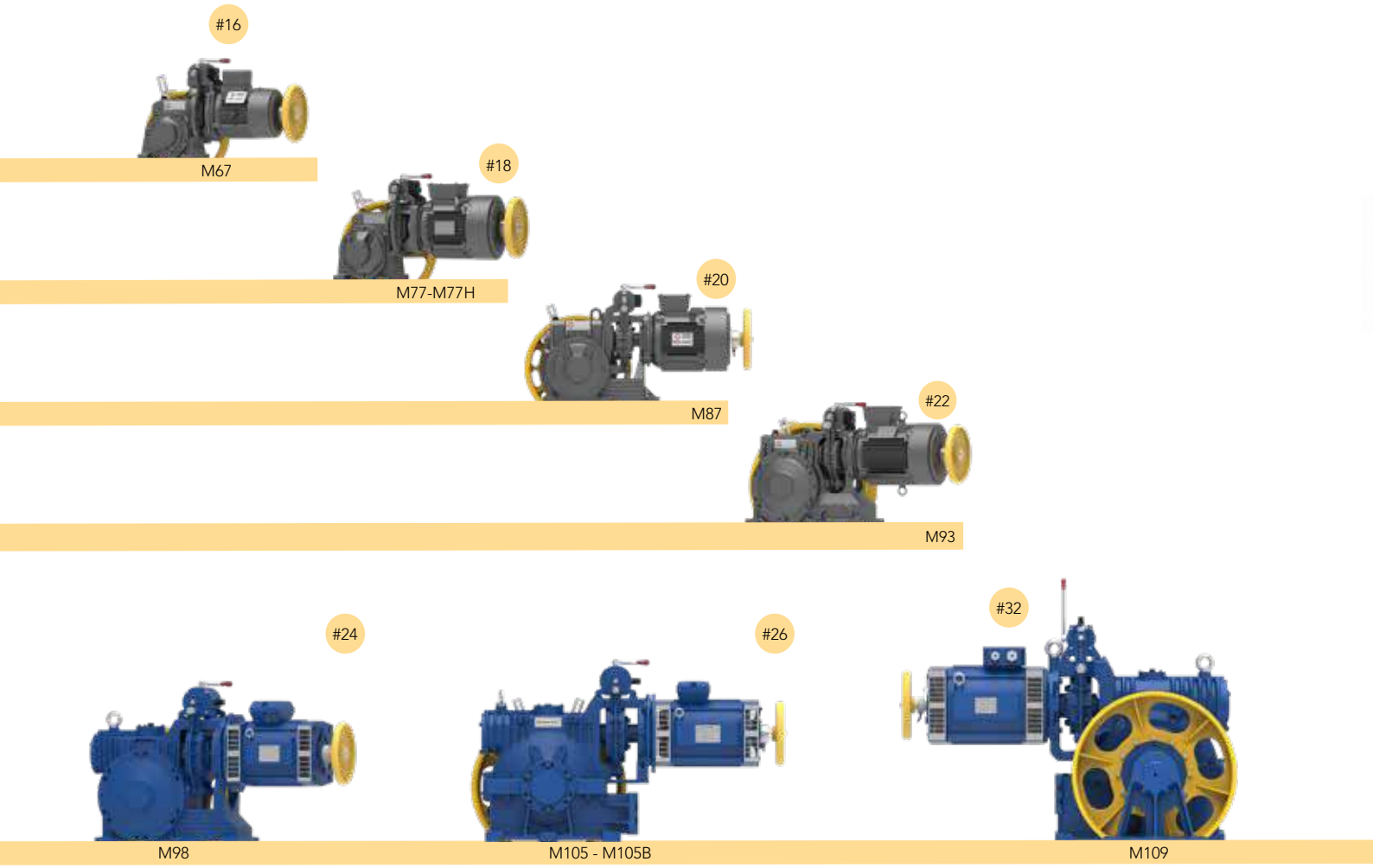


MONTANARI LIFTS COMPONENTS
Manufacturing plant.
Pune - Maharashtra: view of gearbox manufacturing area.

DURABLE AND RELIABLE TRACTION MACHINES.

FOR YOUR MOST CHALLENGING LIFT PROJECTS.

1:1			LOAD									
			kg									
			408	544	680	884	1500	2000	2500	3500	4500	5500
Static load	kg	2000	M67									
		2300		M77								
		2700			M77H							
		3200				M87						
		5000					M93					
		7000						MADE IN ITALY - M98				
		9800							MADE IN ITALY - M105 - M105B			
		15000								MADE IN ITALY - M109		



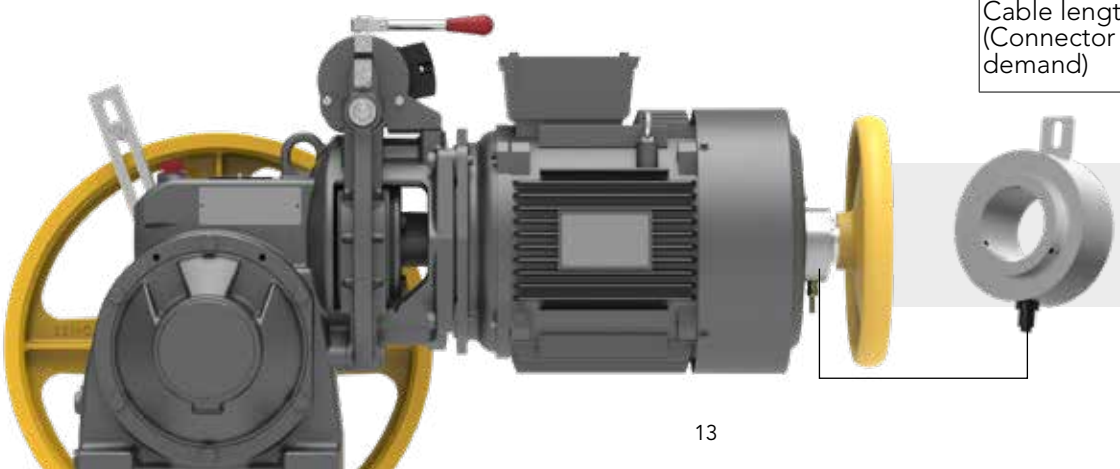
Images and data contained in this catalogue may be changed without previous notice.
Latest updated material are available on our official channels or upon request.
All images shown are for representation purposes only.

MODULARITY

All Montanari gearboxes can be disassembled into three parts to allow transport and assembly work in machine room.

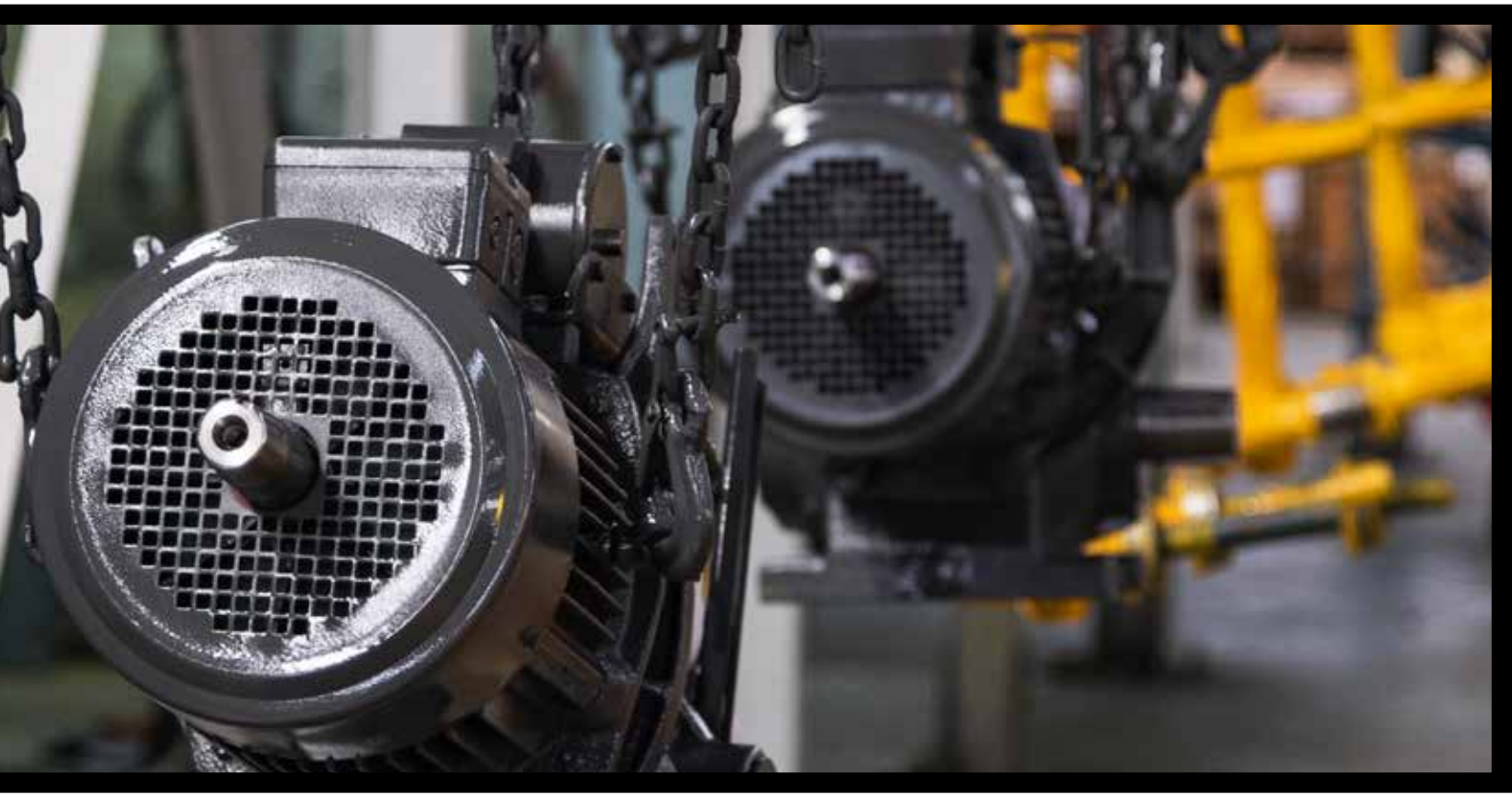
ENCODER: TECHNICAL FEATURES

Exit circuit	PushPull Line Driver
Output signal	A B Z $\bar{A}$ $\bar{B}$ $\bar{Z}$
Voltage	5 - 30VDC
Standard Resolution	1024ppr
Protection degree	IP54
Operating temperature	-4 / +100°C
Cable length (Connector on demand)	7 m



Montanari Group
GEARLESS&GEARBOX
TRACTION MACHINES

GEARBOX TECHNICAL FEATURES



Montanari gears are designed for use in lifts and freight lifts in compliance with the directives and the regulations in force.
All gears have:
- a worm of hardened ground steel;
- centrifugally cast antifriction bronze crown;
- slow shaft of hardened and tempered alloy steel;
- brake equipped with independent arms and a twin magnetic circuit, available in various voltages between 24 and 220 V d.c.;
- high-resistance cast iron pulley;
- electric motors of own production.

Mineral oils with the following characteristics: Viscosity ISO VG 220 - ollowing Index 95 - Additive EP.
Synthetic oils with the following characteristics: Viscosity ISO VG 220 - Viscosity Index 151 - Ascertained compatibility with traces of mineral oil.

OPERATING DATA

The Montanari gears are designed for use in standard and freight lifts:
- running time between the first and the last stop of 35 - 40 s max;
- cyclic duration factor of 50%;
- startings/hour varying from 90 to 240.

The allowable static load on the shaft is generally valid for all directions.
Always read the indications given in the operation and maintenance manual.

PARAMETERS FOR LOAD TABLES ELABORATION:
for each type of gear are indicated the load values including the rope weight (x2), according to rated speed and power for installations balanced at 50%;
- **unbalanced ropes weight;**
- **we report the synchronous speed detected as follows: car descending, 1/2 charge at the middle of the ride (IS14665 - 4; EN81-1:1998 /12.6 - EN81-20:2014/5.9.2.4.).**

SUPPOSED SHAFT EFFICIENCTY: i = 0,8
SUPPOSED DAILY WORKING CYCLE: 8 HOURS

With the following load examples the life expectancy ratio of each type of machine, with maximum acceptable power applied, is 30.000 hours.
A) WITH REFERENCE TO THE LOADS we have considered:
- running with 100% load for 50% of time;
- running with 10% load for 30% of time;
- running with 50% load for 20% of time.

B) WITH REFERENCE TO THE STARTS PER HOUR USED AGAINST TIME PERIOD:
- 240 sts/h for 3 hours/day;
- 180 sts/h for 5 hours/day.

For installations where divertor pulleys are provided, the load value must be multiplied by a suitable reduction factor according to the following table.
For longer runs or higher cyclic duration factors, contact the sales office of Montanari.

TAB. 1							
DIVERTOR UNITS QUANTITY	1	2	3	4	5	6	7
REDUCTION FACTOR							
BALL BEARINGS	0,99	0,98	0,97	0,96	0,95	0,94	0,93

Montanari Group
GEARLESS&GEARBOX
TRACTION MACHINES

TOP
SELLER

408 kg
1 m/s
T.S. 520 mm

Static Load	**M67** - 2200 kg
Motor	VVVF 4 P
Gearbox Weight	M67 - 80 kg
Oil Capacity	1,7 l

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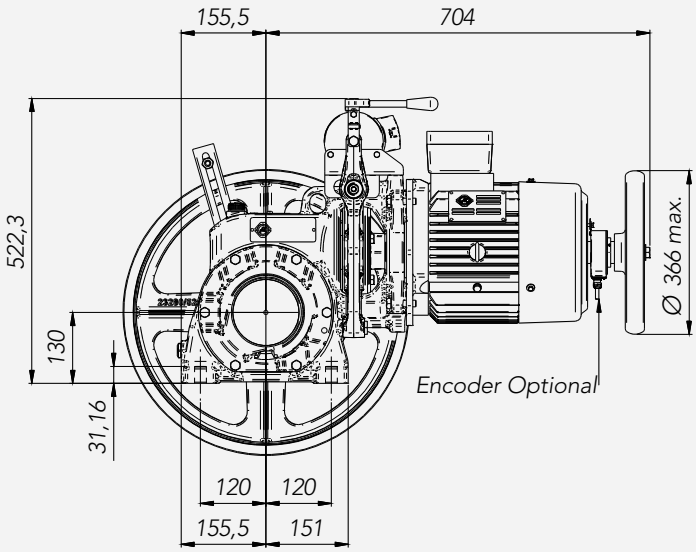
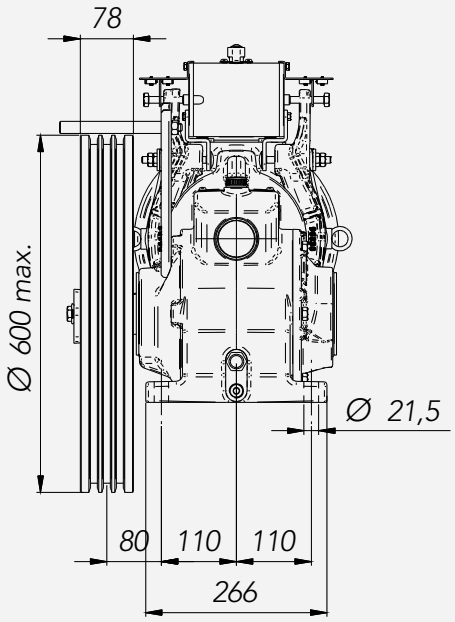
OUR WEBSITE

Ratio	Torque Moment	Efficiency
	Nm	1500 RPM
1/46	838	0.72
1/37	750	0.74

4P - VVF
1500 RPM

ø mm		m/s	kW Async. 4 kg
520	1/46	0,89	557
550	1/46	0,94	527
450	1/37	0,96	532
600	1/46	1,02	483
520	1/37	1,10	460
550	1/37	1,17	435



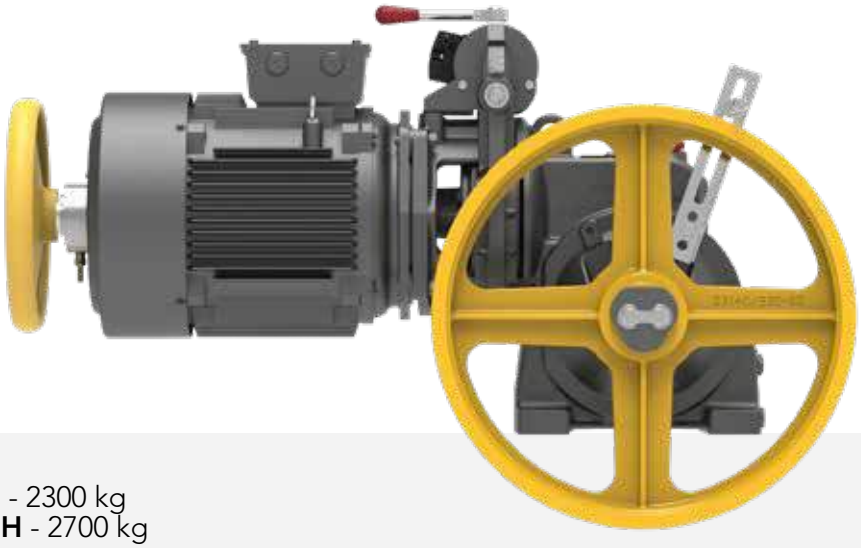


M77
M77H

Montanari Group
GEARLESS&GEARBOX
TRACTION MACHINES

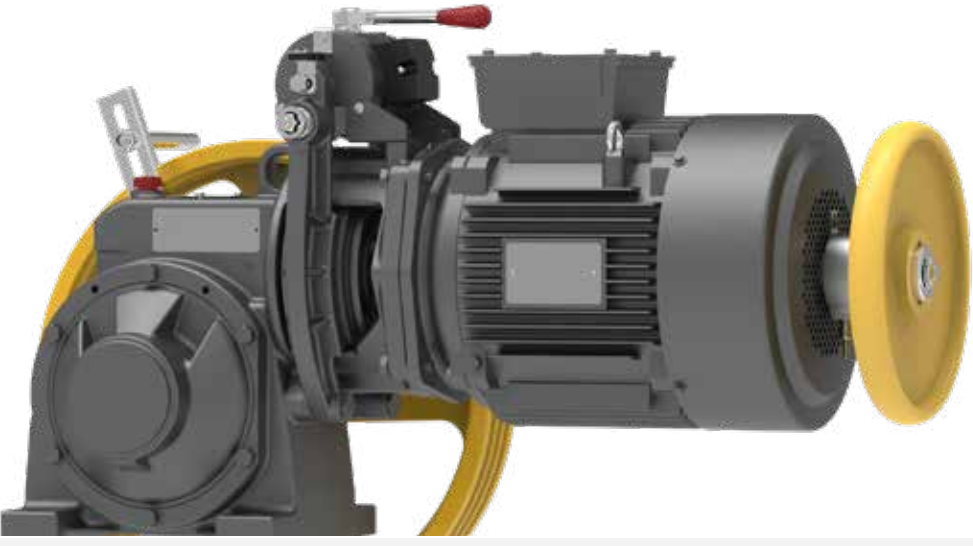
TOP
SELLER

544 kg
1 m/s
T.S. 520 mm



Static Load	**M77** - 2300 kg **M77H** - 2700 kg
Motor	VVVF 4 P
Gearbox Weight	M77/M77H - 100kg
Oil Capacity	3 l

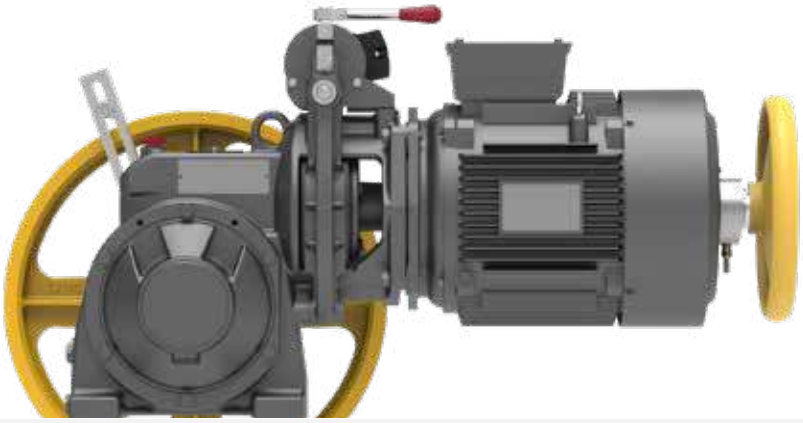
MORE ON
OUR WEBSITE

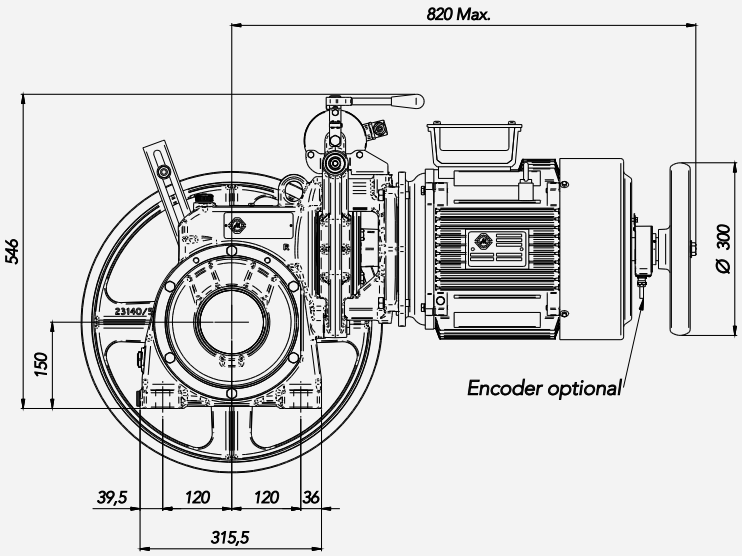


Ratio	Torque Moment	Efficiency
	Nm	1500 RPM
1/55	750	0.58
1/37	995	0.84
2/55	764	0.78

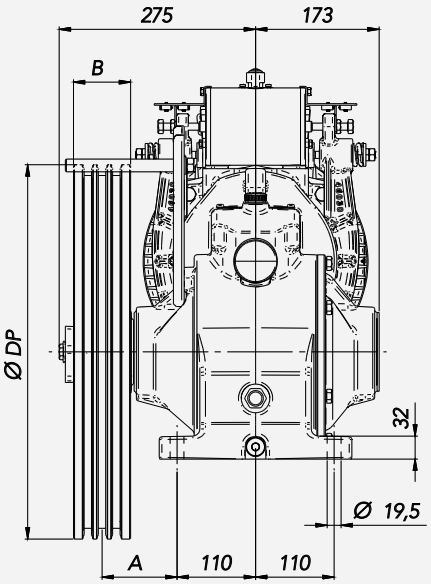
4P - VVVF
1500 RPM

			kW Async.		
			4	**5,5**	**7,5**
ø mm		m/s	kg		
520	1/55	0,74	635		
550	1/55	0,79	600		
400	1/37	0,85	672	811	963
600	1/55	0,86	550		
450	1/37	0,96	598	721	856
520	1/37	1,10	517	624	741
400	2/55	1,14	464	623	693
550	1/37	1,17	489	590	700
600	1/37	1,27	448	541	642
450	2/55	1,29	412	554	616
520	2/55	1,49	357	479	533
550	2/55	1,57	337	453	504
600	2/55	1,71	309	415	462





DP	B	A
mm	mm	mm
≤600	115	105



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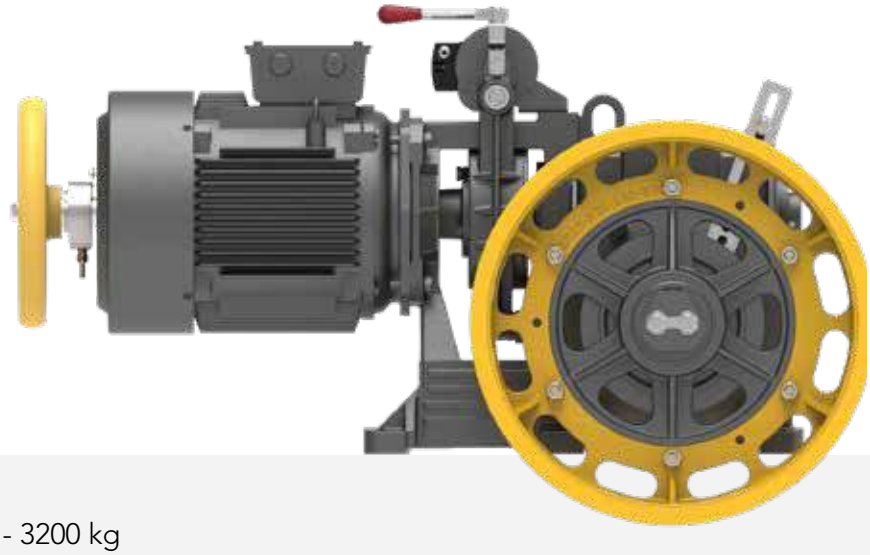
GEARLESS&GEARBOX
TRACTION MACHINES

TOP
SELLER

816 kg
1 m/s
T.S. 520 mm



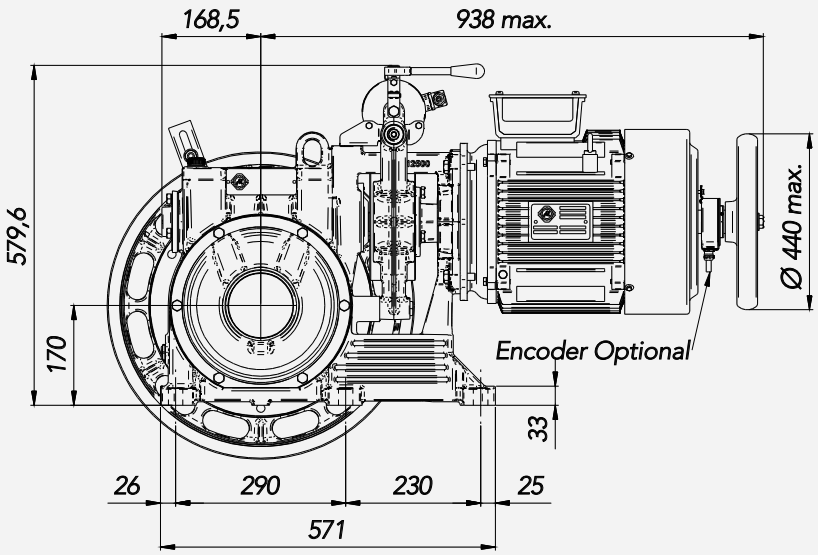
Static Load	**M87** - 3200 kg
Motor	VVVF 4 P
Gearbox Weight	M87 - 169 kg
Oil Capacity	5 l

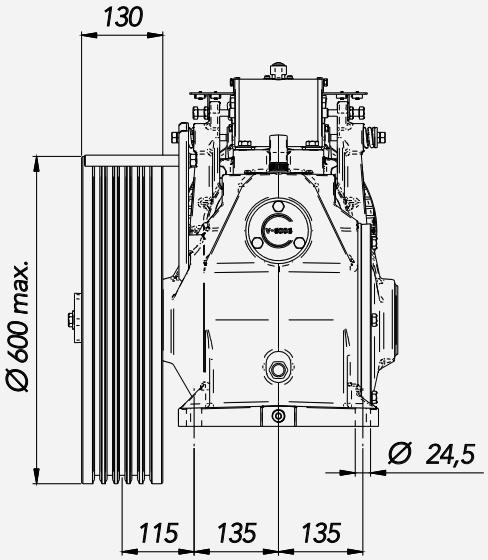
MORE ON
OUR WEBSITE

Ratio	Torque Moment	Efficiency
	Nm	1500 RPM
1/37	1465	0.72
2/41	1060	0.82
2/50	1350	0.84

4P - VVVF
1500 RPM

ø mm		m/s	kW Async. 7,5 kg	9 kg	11 kg
480	1/37	1,02	900	996	
520	1/37	1,10	831	919	
550	1/37	1,17	786	869	
600	1/37	1,27	720	796	
480	2/50	1,51	710	852	917
520	2/50	1,63	655	786	847
550	2/50	1,73	619	743	801
480	2/42	1,80	582	698	720
600	2/50	1,88	568	681	734
520	2/41	1,94	537	645	665
550	2/41	2,06	508	610	629
600	2/41	2,24	466	559	576

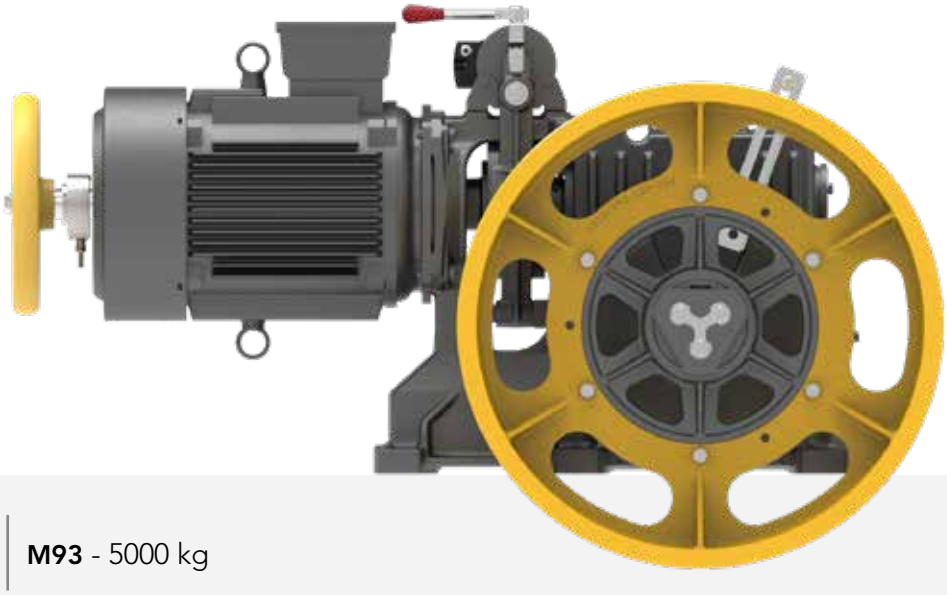




Montanari Group
GEARLESS&GEARBOX
TRACTION MACHINES

TOP
SELLER

2.000 kg 2:1
0,5 m/s
T.S. 520 mm



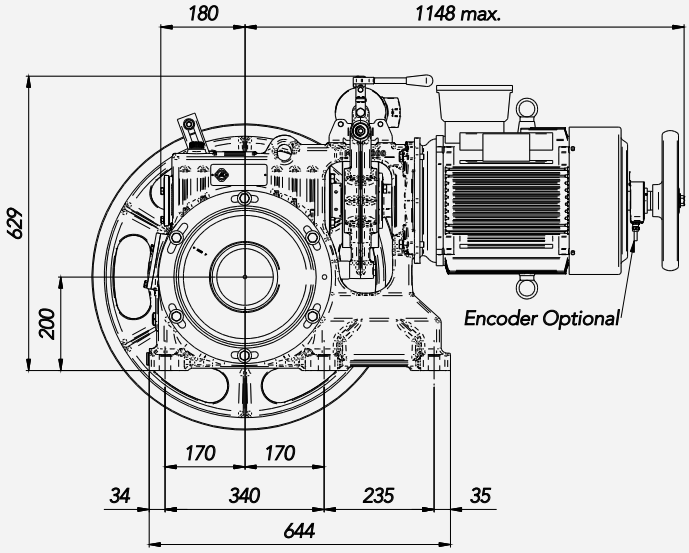
Static Load	**M93** - 5000 kg
Motor	VVVF 4 P
Gearbox Weight	M93 - 250kg
Oil Capacity	7 l

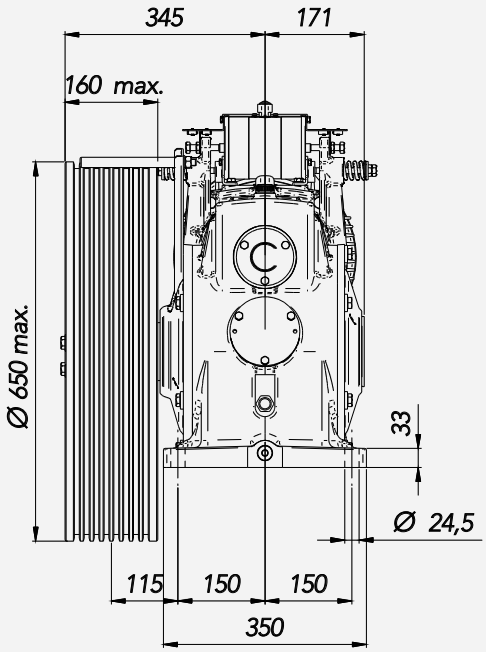
MORE ON
OUR WEBSITE

Ratio	Torque Moment	Efficiency
	Nm	1500 RPM
1/39	2475	0.77
2/49	1905	0.82

4P - VVVF
1500 RPM

			kW Async.			
			9	11	13	15
ø mm		m/s	kg			
520	1/39	1,05	1124	1374	1553	
550	1/39	1,11	1063	1299	1468	
600	1/39	1,21	974	1191	1346	
650	1/39	1,31	899	1099	1242	
520	2/49	1,67	752	919	1086	1140
550	2/49	1,76	711	869	1027	1078
600	2/49	1,92	652	797	942	988
650	2/49	2,08	602	735	869	912





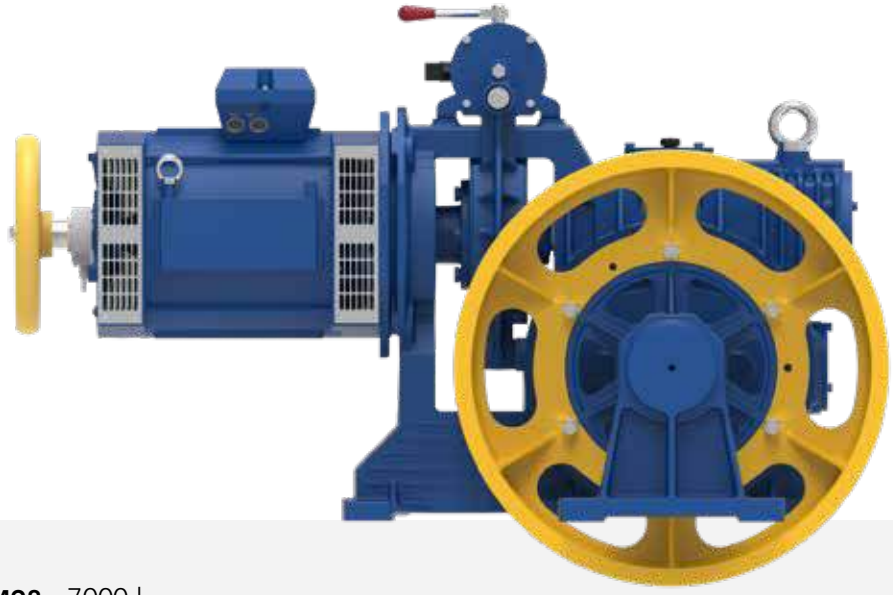
GEARBOX

M98

Montanari Group
GEARLESS&GEARBOX
TRACTION MACHINES

TOP
SELLER

3.000 kg 2:1
0,5 m/s
T.S. 520 mm



Static Load	**M98** - 7000 kg
Motor	VVVF 4 P
Gearbox Weight	M98 - 480kg
Oil Capacity	9 l

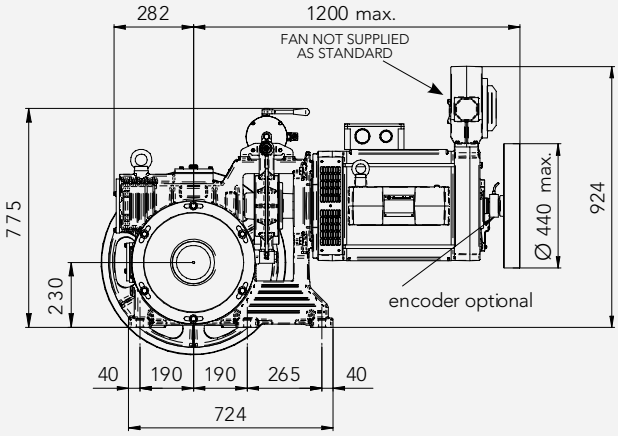
MORE ON
OUR WEBSITE

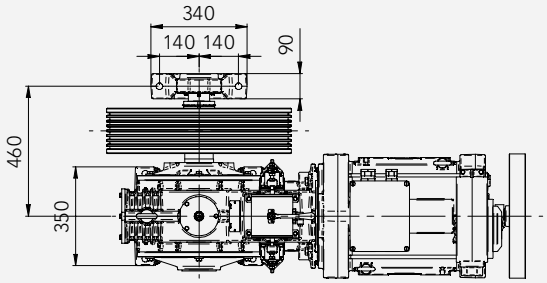
Ratio	Torque Moment	Efficiency
	Nm	1500 RPM
1/37	3501	0.76
2/49	3146	0.83

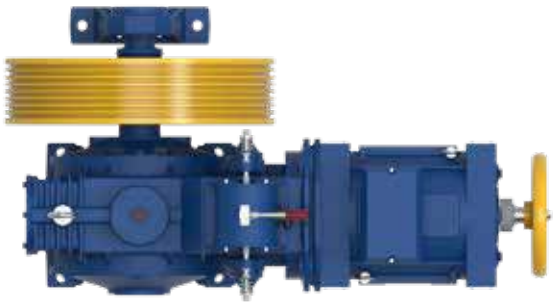
IMPORTED FROM ITALY

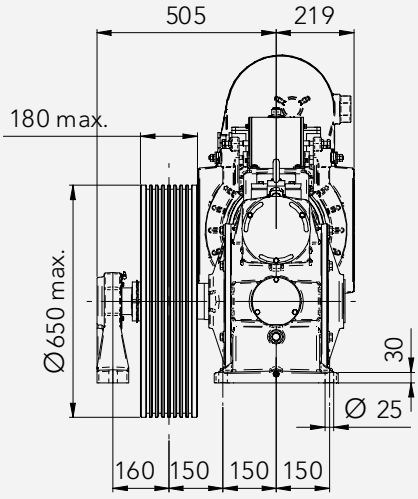
4P - VVVF
1500 RPM

ø mm		m/s	kW Async. 15	18,5	22	26
			kg			
520	1/37	1,10	1755	2164	2196	
550	1/37	1,17	1659	2046	2076	
600	1/37	1,27	1521	1875	1903	
650	1/37	1,38	1404	1731	1757	
520	2/49	1,67	1269	1565	1861	2017
550	2/49	1,76	1200	1480	1759	1907
600	2/49	1,92	1100	1356	1613	1748
650	2/49	2,08	1015	1252	1489	1614



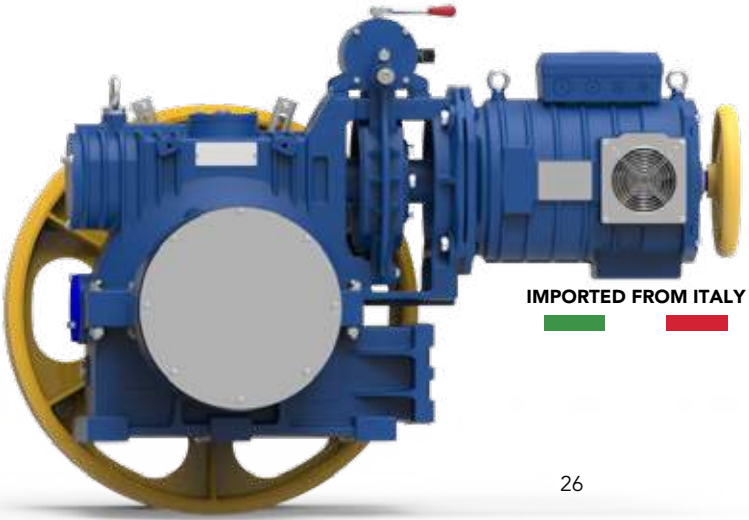






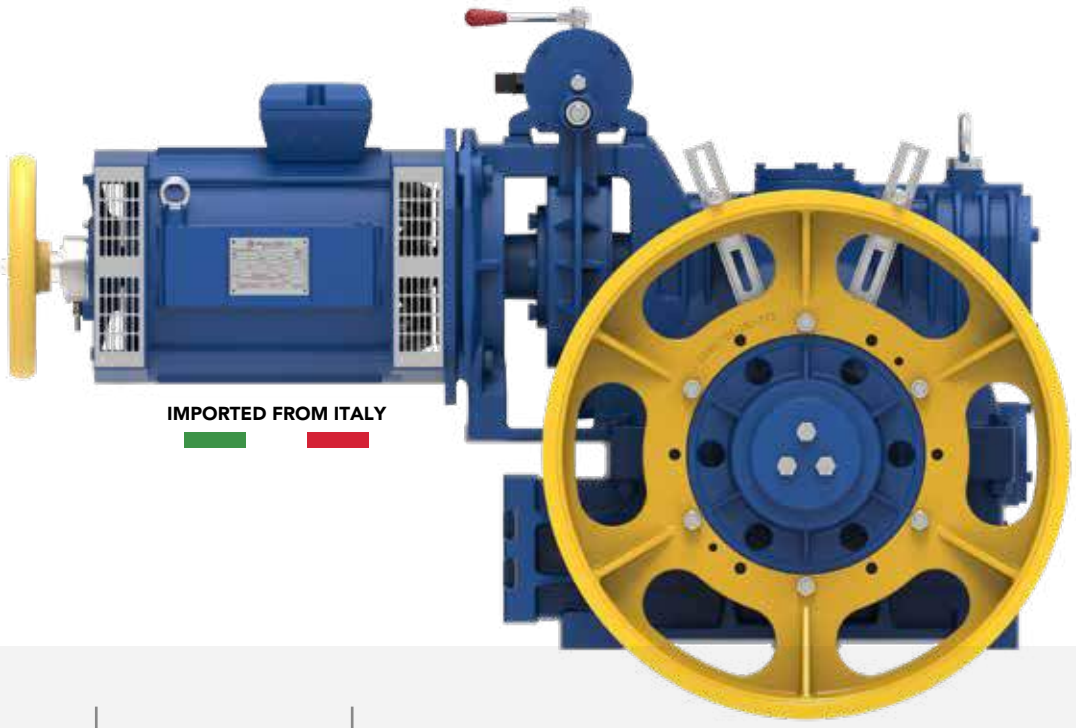
9800 kg Static Load

Only two supporting points, without outer bearing!



IMPORTED FROM ITALY

TOP
SELLER
1600/2000 kg
1 - 2,5 m/s
T.S. 600/650 mm



IMPORTED FROM ITALY

Static Load	**M105** **M105B** **M105 - B3motor**	9800 kg
Motor	**B9 - B3** VVVF 4 - 6 P AC2 4/16 - 6/24 P	
Reductor Weight	M105 - 520 kg M105B - 670 kg M105 - B3motor - 605 kg M105B - B3motor - 755 kg	
Oil Capacity	16.50 l	

Ratio	Torque Moment	Efficiency	
	Nm	1500/1800 RPM	1000/1200 RPM
1/71	5250	0.71	0.68
1/65	5454	0.73	0.70
1/49	5550	0.77	0.74
2/63	4363	0.85	0.83
2/53	4446	0.85	0.83
4/67	3950	0.89	0.87

Bedplate & Safety guards #36-37

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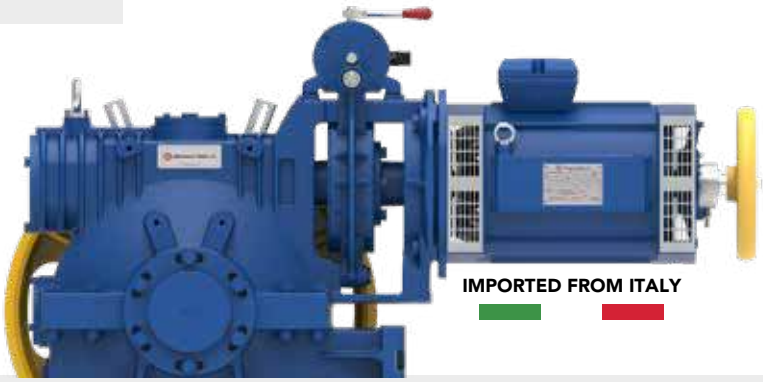
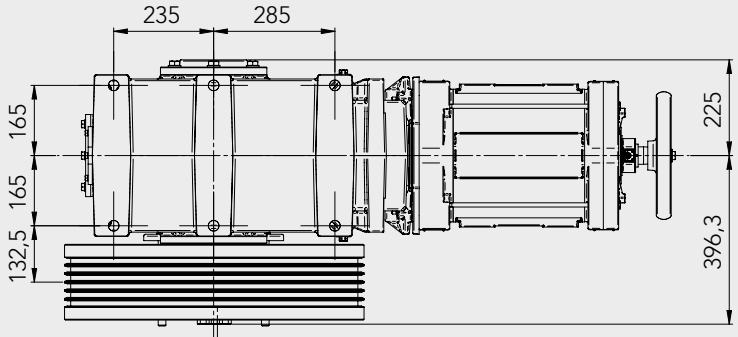
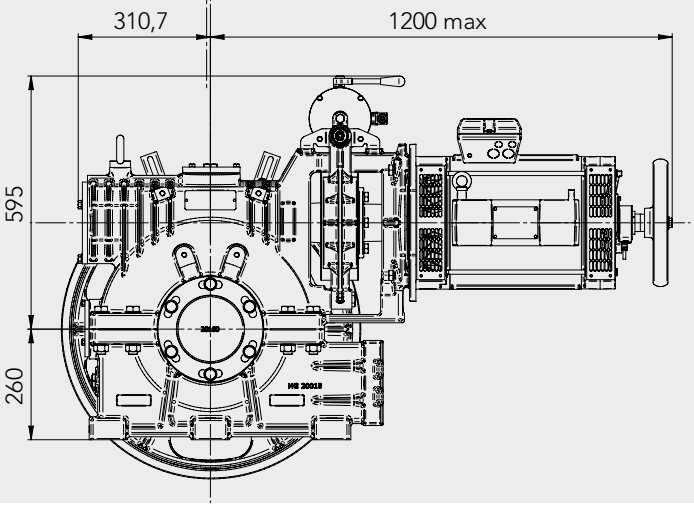
GEARLESS&GEARBOX
TRACTION MACHINES

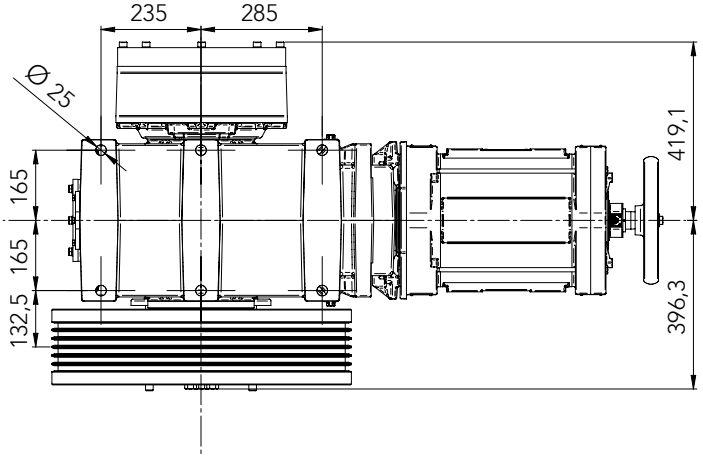
M105
M105B

M105







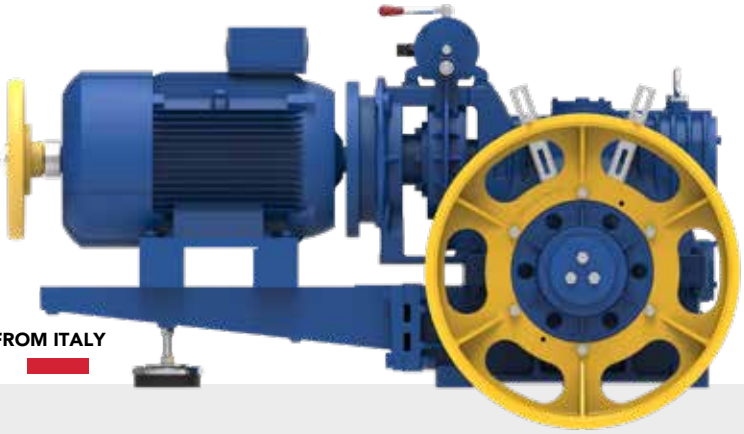


M105B

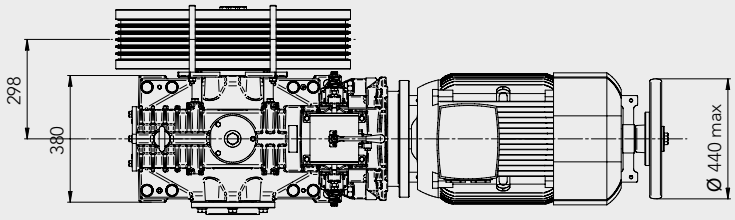
Auxiliary brake on slow shaft

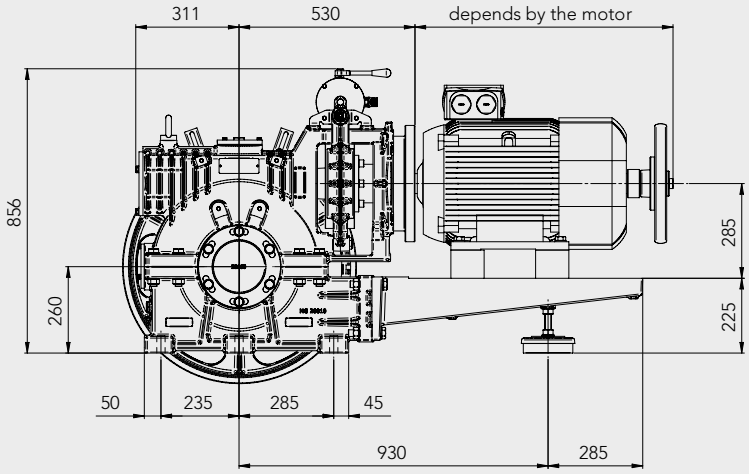
EN81 - 20: Compliant

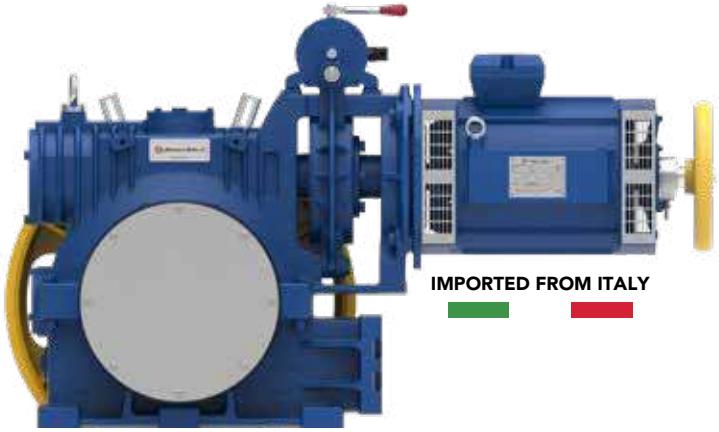
M105B3



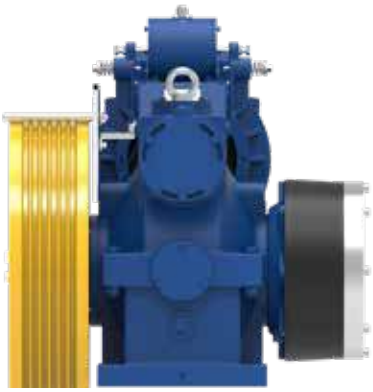
IMPORTED FROM ITALY







IMPORTED FROM ITALY



4P - VVVF
1500 RPM

			kW Async.								
			11	13	15	18,5	22	26	30	37	45
ø mm		m/s	kg								
450	1/71	0,50	2665	3150	3635	3806					
480	1/71	0,53	2499	2953	3407	3568					
450	1/65	0,54	2509	2965	3421	3953					
520	1/71	0,58	2307	2726	3145	3293					
480	1/65	0,58	2352	2780	3207	3706					
550	1/71	0,61	2181	2577	2974	3114					
520	1/65	0,63	2171	2566	2961	3421					
580	1/71	0,64	2068	2444	2820	2953					
600	1/71	0,66	1999	2363	2726	2854					
550	1/65	0,66	2053	2426	2799	3235					
580	1/65	0,70	1947	2300	2654	3067					
650	1/71	0,72	1845	2181	2516	2635					
600	1/65	0,72	1882	2224	2566	2965					
450	1/49	0,72	1969	2327	2685	3312	3745				
700	1/71	0,77	1713	2025	2337	2446					
480	1/49	0,77	1846	2182	2517	3105	3511				
650	1/65	0,79	1737	2053	2369	2737					
750	1/71	0,83	1599	1890	2181	2283					
520	1/49	0,83	1704	2014	2324	2866	3241				
700	1/65	0,85	1613	1906	2199	2542					
800	1/71	0,88	1499	1772	2044	2141					
550	1/49	0,88	1611	1904	2197	2709	3064				
750	1/65	0,91	1505	1779	2053	2372					
580	1/49	0,93	1528	1805	2083	2569	2905				
600	1/49	0,96	1477	1745	2014	2484	2809				
800	1/65	0,97	1411	1668	1924	2224					
650	1/49	1,04	1363	1611	1859	2293	2592				
700	1/49	1,12	1266	1496	1726	2129	2407				
450	2/63	1,12	1416	1673	1931	2381	2831	3163			
750	1/49	1,20	1181	1396	1611	1987	2247				
480	2/63	1,20	1327	1569	1810	2232	2654	2965			
800	1/49	1,28	1108	1309	1510	1863	2106				
520	2/63	1,30	1225	1448	1671	2060	2450	2737			
450	2/53	1,33	1065	1259	1452	1791	2130	2517	2904	3223	
550	2/63	1,37	1158	1369	1580	1948	2317	2588			
480	2/53	1,42	998	1180	1361	1679	1997	2360	2723	3021	
580	2/63	1,45	1098	1298	1498	1847	2197	2454			
600	2/63	1,50	1062	1255	1448	1786	2124	2372			
520	2/53	1,54	922	1089	1257	1550	1843	2178	2513	2789	
650	2/63	1,62	980	1158	1337	1648	1960	2190			
550	2/53	1,63	871	1030	1188	1465	1743	2059	2376	2637	
580	2/53	1,72	826	976	1127	1390	1652	1953	2253	2500	
700	2/63	1,75	910	1076	1241	1531	1820	2033			
600	2/53	1,78	799	944	1089	1343	1597	1888	2178	2417	
750	2/63	1,87	849	1004	1158	1429	1699	1898			
650	2/53	1,93	737	871	1005	1240	1474	1743	2011	2231	
800	2/63	1,99	796	941	1086	1339	1593	1779			
700	2/53	2,07	685	809	934	1151	1369	1618	1867	2072	
450	4/67	2,11	788	932	1075	1326	1576	1863	2150	2651	2915
750	2/53	2,22	639	755	871	1075	1278	1510	1743	1934	
480	4/67	2,25	739	873	1008	1243	1478	1747	2015	2486	2733
800	2/53	2,37	599	708	817	1007	1198	1416	1634	1813	
520	4/67	2,44	682	806	930	1147	1364	1612	1860	2294	2523
550	4/67	2,58	645	762	879	1085	1290	1524	1759	2169	2385
580	4/67	2,72	612	723	834	1029	1223	1446	1668	2057	2262
600	4/67	2,81	591	699	806	994	1182	1397	1612	1988	2187
650	4/67	3,05	546	645	744	918	1091	1290	1488	1836	2018
700	4/67	3,28	507	599	691	852	1013	1198	1382	1704	1874
750	4/67	3,52	473	559	645	795	946	1118	1290	1591	1749
800	4/67	3,75	443	524	605	746	887	1048	1209	1491	1640

6P - VVVF
1000 RPM

	kW Async.								
	7,5	9	11	13	15	18,5	22	26	30
m/s	kg								
0,33	2611	3133	3806						
0,35	2448	2937	3568						
0,36	2460	2953	3609	3953					
0,38	2259	2711	3293						
0,39	2307	2768	3383	3706					
0,41	2136	2563	3114						
0,42	2129	2555	3123	3421					
0,43	2026	2431	2953						
0,44	1958	2350	2854						
0,44	2013	2416	2953	3235					
0,47	1909	2291	2800	3067					
0,48	1807	2169	2635						
0,48	1845	2214	2707	2965					
0,48	1961	2353	2876	3399	3736				
0,52	1678	2014	2446						
0,51	1838	2206	2696	3186	3502				
0,52	1703	2044	2498	2737					
0,55	1566	1880	2283						
0,56	1697	2036	2489	2941	3233				
0,56	1582	1898	2320	2542					
0,59	1469	1762	2141						
0,59	1604	1925	2353	2781	3056				
0,60	1476	1772	2165	2372					
0,62	1521	1826	2231	2637	2898				
0,64	1471	1765	2157	2549	2802				
0,64	1384	1661	2030	2224					
0,69	1357	1629	1991	2353	2586				
0,75	1261	1513	1849	2185	2401				
0,75	1414	1697	2074	2451	2828	3163			
0,80	1176	1412	1726	2039	2241				
0,80	1325	1591	1944	2297	2651	2965			
0,85	1103	1324	1618	1912	2101				
0,86	1224	1468	1794	2121	2447	2737			
0,89	1060	1273	1555	1838	2121	2616	3111	3223	
0,91	1157	1388	1697	2005	2314	2588			
0,95	994	1193	1458	1723	1988	2452	2916	3021	
0,96	1097	1316	1609	1901	2194	2454			
1,00	1060	1272	1555	1838	2121	2372			
1,03	918	1101	1346	1591	1835	2264	2692	2789	
1,08	979	1175	1436	1697	1958	2190			
1,09	868	1041	1273	1504	1735	2140	2545	2637	
1,15	823	987	1207	1426	1646	2029	2413	2500	
1,16	909	1091	1333	1575	1818	2033			
1,19	795	954	1166	1379	1591	1962	2333	2417	
1,25	848	1018	1244	1470	1697	1898			
1,28	734	881	1077	1273	1468	1811	2154	2231	
1,33	795	954	1166	1378	1591	1779			
1,38	682	818	1000	1182	1363	1682	2000	2072	
1,41	797	957	1169	1382	1594	1966	2338	2763	2915
1,48	636	764	933	1103	1273	1569	1866	1934	
1,50	747	897	1096	1295	1495	1843	2192	2591	2733
1,58	596	716	875	1034	1193	1471	1750	1813	
1,63	690	828	1012	1196	1380	1701	2023	2391	2523
1,72	652	783	957	1130	1304	1609	1913	2261	2385
1,81	618	742	907	1072	1237	1525	1814	2144	2262
1,88	598	717	877	1036	1196	1475	1754	2072	2187
2,03	552	662	809	957	1104	1361	1619	1913	2018
2,19	512	615	752	888	1025	1264	1503	1776	1874
2,34	478	574	701	829	957	1180	1403	1658	1749
2,50	448	538	658	777	897	1106	1315	1554	1640

4/16P - AC2
1500/375 RPM

6/24P - AC2
1000/250 RPM

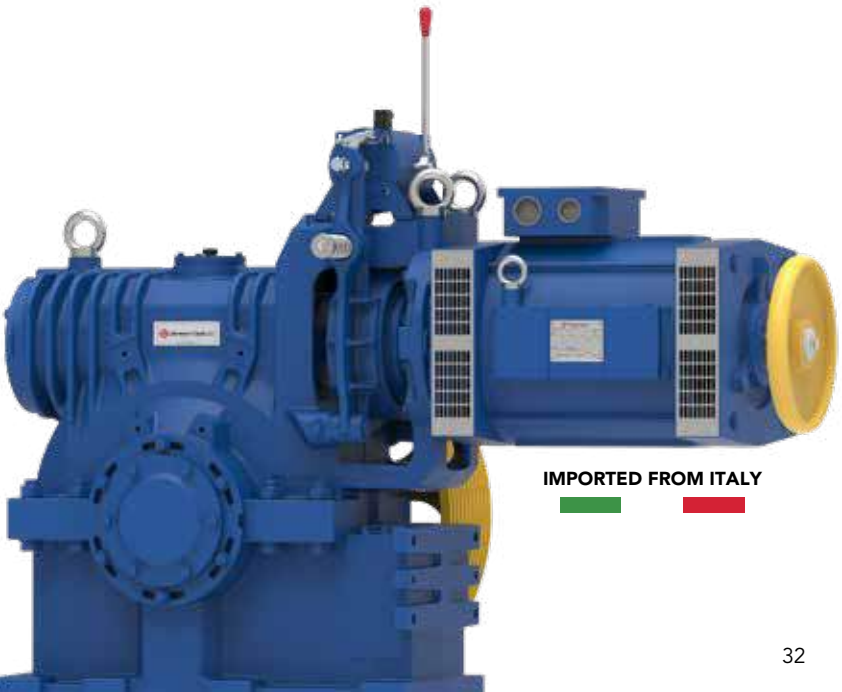
ø mm		m/s	kW Async. 13	15	18,5	22	26	30	37	45	55
			kg								
450	1/71	0,50	2739	3161	3806						
480	1/71	0,53	2568	2963	3568						
450	1/65	0,54	2578	2975	3669	3953					
520	1/71	0,58	2370	2735	3293						
480	1/65	0,58	2417	2789	3440	3706					
550	1/71	0,61	2241	2586	3114						
520	1/65	0,63	2231	2575	3175	3421					
580	1/71	0,64	2125	2452	2953						
600	1/71	0,66	2054	2370	2854						
550	1/65	0,66	2110	2434	3002	3235					
580	1/65	0,70	2000	2308	2847	3067					
650	1/71	0,72	1896	2188	2635						
600	1/65	0,72	1934	2231	2752	2965					
450	1/49	0,72	2024	2335	2880	3424	3745				
700	1/71	0,77	1761	2032	2446						
480	1/49	0,77	1897	2189	2700	3210	3511				
650	1/65	0,79	1785	2060	2540	2737					
750	1/71	0,83	1643	1896	2283						
520	1/49	0,83	1751	2021	2492	2963	3241				
700	1/65	0,85	1657	1912	2359	2542					
800	1/71	0,88	1541	1778	2141						
550	1/49	0,88	1656	1910	2356	2802	3064				
750	1/65	0,91	1547	1785	2201	2372					
580	1/49	0,93	1570	1812	2234	2657	2905				
600	1/49	0,96	1518	1751	2160	2568	2809				
800	1/65	0,97	1450	1673	2064	2224					
650	1/49	1,04	1401	1616	1994	2371	2592				
700	1/49	1,12	1455	1679	2070	2462	2910	3163			
450	2/63	1,12	1301	1501	1851	2201	2407				
750	1/49	1,20	1364	1574	1941	2308	2728	2965			
480	2/63	1,20	1214	1401	1728	2055	2247				
800	1/49	1,28	1138	1313	1620	1926	2106				
520	2/63	1,30	1259	1453	1792	2131	2518	2737			
450	2/53	1,33	1094	1263	1557	1852	2189	2525	3115	3223	
550	2/63	1,37	1190	1374	1694	2014	2381	2588			
480	2/53	1,42	1026	1184	1460	1736	2052	2368	2920	3021	
580	2/63	1,45	1129	1302	1606	1910	2258	2454			
600	2/63	1,50	1091	1259	1553	1847	2182	2372			
520	2/53	1,54	947	1093	1348	1603	1894	2185	2695	2789	
650	2/63	1,62	1007	1162	1433	1705	2014	2190			
550	2/53	1,63	895	1033	1274	1515	1791	2066	2548	2637	
580	2/53	1,72	849	980	1208	1437	1698	1959	2417	2500	
700	2/63	1,75	935	1079	1331	1583	1871	2033			
600	2/53	1,78	821	947	1168	1389	1642	1894	2336	2417	
750	2/63	1,87	873	1007	1242	1477	1746	1898			
650	2/53	1,93	758	874	1078	1282	1515	1748	2156	2231	
800	2/63	1,99	818	944	1165	1385	1637	1779			
700	2/53	2,07	704	812	1001	1191	1407	1624	2002	2072	
450	4/67	2,11	810	935	1153	1371	1620	1869	2305	2804	2915
750	2/53	2,22	657	758	934	1111	1313	1515	1869	1934	
480	4/67	2,25	759	876	1081	1285	1519	1752	2161	2629	2733
800	2/53	2,37	616	710	876	1042	1231	1421	1752	1813	
520	4/67	2,44	701	809	998	1186	1402	1618	1995	2427	2523
550	4/67	2,58	663	765	943	1122	1326	1529	1886	2294	2385
580	4/67	2,72	628	725	894	1064	1257	1450	1789	2176	2262
600	4/67	2,81	608	701	865	1028	1215	1402	1729	2103	2187
650	4/67	3,05	561	647	798	949	1122	1294	1596	1941	2018
700	4/67	3,28	521	601	741	881	1041	1202	1482	1803	1874
750	4/67	3,52	486	561	692	823	972	1122	1383	1682	1749
800	4/67	3,75	456	526	648	771	911	1051	1297	1577	1640

m/s	kW Async. 9	11	13	15	18,5	22	26	30	37
	kg								
0,33	2724	3330	3806						
0,35	2554	3122	3568						
0,36	2567	3138	3709	3953					
0,38	2358	2882	3293						
0,39	2407	2942	3477	3706					
0,41	2229	2724	3114						
0,42	2222	2716	3209	3421					
0,43	2114	2583	2953						
0,44	2043	2497	2854						
0,44	2101	2567	3034	3235					
0,47	1992	2435	2877	3067					
0,48	1886	2305	2635						
0,48	1926	2354	2781	2965					
0,48	2046	2501	2955	3410	3745				
0,52	1751	2141	2446						
0,51	1918	2344	2771	3197	3511				
0,52	1777	2172	2567	2737					
0,55	1635	1998	2283						
0,56	1771	2164	2558	2951	3241				
0,56	1651	2017	2384	2542					
0,59	1532	1873	2141						
0,59	1674	2046	2418	2790	3064				
0,60	1540	1883	2225	2372					
0,62	1587	1940	2293	2646	2905				
0,64	1535	1876	2217	2558	2809				
0,64	1444	1765	2086	2224					
0,69	1417	1731	2046	2361	2592				
0,75	1475	1803	2131	2459	3033	3163			
0,75	1315	1608	1900	2192	2407				
0,80	1383	1690	1998	2305	2843	2965			
0,80	1228	1500	1773	2046	2247				
0,85	1151	1407	1662	1918	2106				
0,86	1277	1560	1844	2128	2624	2737			
0,89	1107	1352	1598	1844	2275	2705	3197	3223	
0,91	1207	1475	1744	2012	2481	2588			
0,95	1037	1268	1498	1729	2132	2536	2997	3021	
0,96	1145	1399	1653	1908	2353	2454			
1,00	1106	1352	1598	1844	2274	2372			
1,03	958	1170	1383	1596	1968	2341	2766	2789	
1,08	1021	1248	1475	1702	2099	2190			
1,09	905	1107	1308	1509	1861	2213	2615	2637	
1,15	859	1049	1240	1431	1765	2099	2480	2500	
1,16	948	1159	1370	1581	1950	2033			
1,19	830	1014	1199	1383	1706	2029	2398	2417	
1,25	885	1082	1279	1475	1820	1898			
1,28	766	936	1107	1277	1575	1873	2213	2231	
1,33	830	1014	1199	1383	1706	1779			
1,38	711	869	1028	1186	1462	1739	2055	2072	
1,41	832	1017	1201	1386	1710	2033	2403	2772	2915
1,48	664	811	959	1107	1365	1623	1918	1934	
1,50	780	953	1126	1300	1603	1906	2253	2599	2733
1,58	622	761	899	1037	1279	1522	1798	1813	
1,63	720	880	1040	1200	1480	1759	2079	2399	2523
1,72	681	832	983	1134	1399	1663	1966	2268	2385
1,81	645	789	932	1076	1326	1577	1864	2151	2262
1,88	624	762	901	1040	1282	1525	1802	2079	2187
2,03	576	704	832	960	1184	1408	1663	1919	2018
2,19	535	654	772	891	1099	1307	1545	1782	1874
2,34	499	610	721	832	1026	1220	1442	1663	1749
2,50	468	572	676	780	962	1144	1352	1560	1640

M109

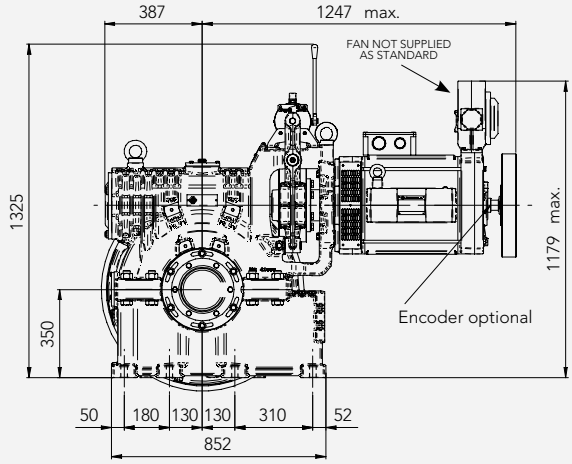
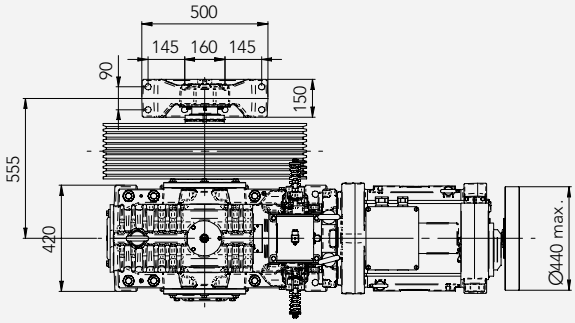
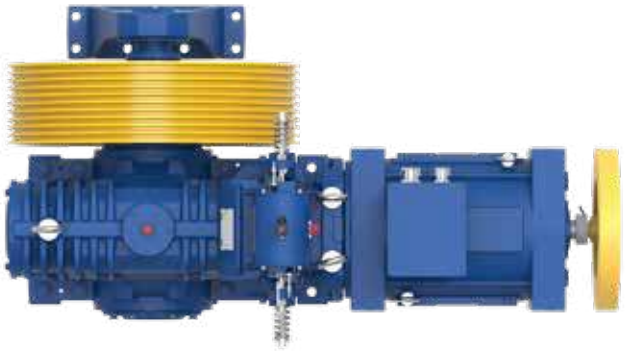
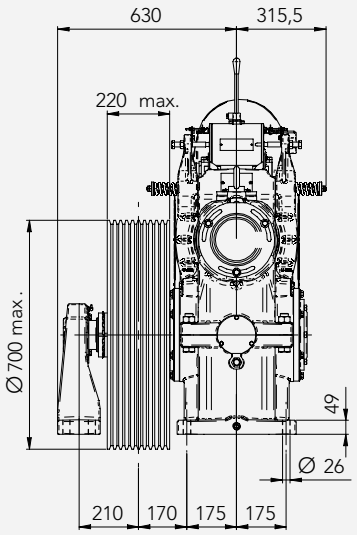
Static Load	**M109** - 15000 kg
Motor	VVVF 4 P
Gearbox Weight	M109 - 890kg
Oil Capacity	38 l

MORE ON
OUR WEBSITE



IMPORTED FROM ITALY

Ratio	Torque Moment	Efficiency
	Nm	1500 RPM
1/49	11749	0.81
2/55	10635	0.88
Brake with overexcitation		
207 / 104V DC - 560 / 70 Watt		

4P - VVVF
1500 RPM

			kW Async.			
			22	26	30	37
ø mm		m/s	kg			
650	1/49	1,04	2906	3434	3962	4887
700	1/49	1,12	2698	3189	3679	4538
650	2/55	1,86	1772	2094	2416	2980
700	2/55	2,00	1645	1944	2243	2767