



VICENZA

GEARED MACHINE

Technical Datasheet

Welcome to **ORANGE1** World



Orange1 Holding is european leader in designing and manufacturing of Electric Motors, Windings, Aluminium Foundry and Turning Parts

A strong, dynamic and ambitious group.

Orange1 Holding is an international renown Group, one of the most important European manufacturer of single-phase and three-phase asynchronous electric motors, foundry and turning parts.

Present in over 70 countries the group annually produces over 1 million single-phase and three-phase asynchronous motors, 5 million windings for asynchronous motors, 60,000 drives for electric motors, 12.500 tons of die-cast aluminum and over 12 million high precision turning parts for the automotive sector.

The group, established in 1971 by Leone Donazzan, chaired today by his son Armando Donazzan, is strongly focused on technological innovation, performance and customization to meet individual clients requirements.

OUR PHILOSOPHY



CREATIVITY

We strongly believe that imagination is the engine that opens up new avenues for innovation. We take care of the details, we want to stand out for our originality, because we believe in the art of making the difference.



PASSION

We carry out our work with passion, because passion is the engine that moves the world. We work with dedication and joy, we believe in what we do, we believe that what we do is unique.



AUDACITY

Our goals are important and our projects ambitious; we are convinced that daring dreams are the indispensable fuel for the engine of doing.



SPEED

We are committed to riding the time and we must keep our beliefs. There is no room for hesitations, we move decisively between the gears of an increasingly complex market.



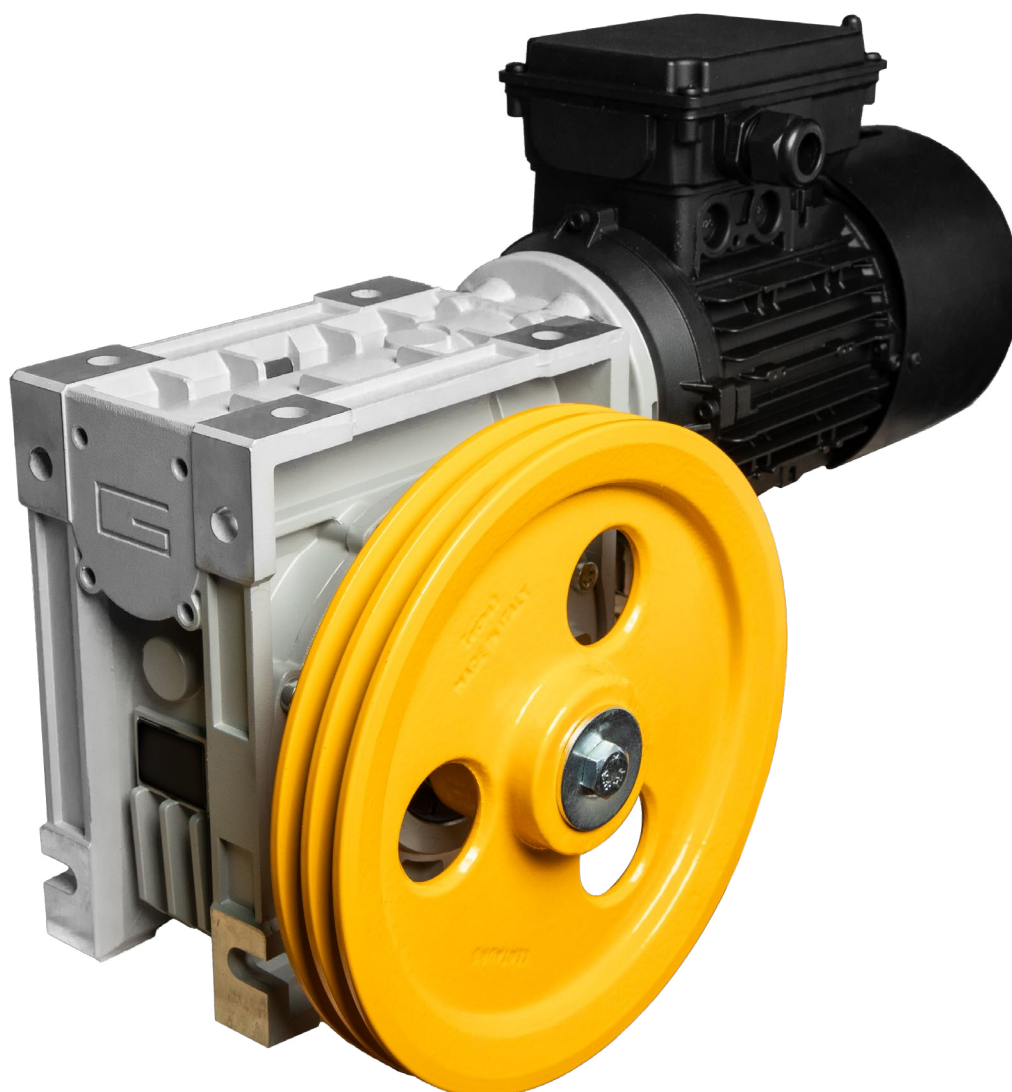
VICENZA GEARED MACHINE

The Vicenza are a perfect balance between quality, sturdiness and economy. Designed for being a versatile traction unit for any type of dumbwaiter, the machines offers high static load, power and technical innovation.

Although not required for the dumbwaiters, the Vicenza have been designed accordingly to the EN 81 norm and boat a double disc brake housed inside the motor body, fed by a standard 220V line.

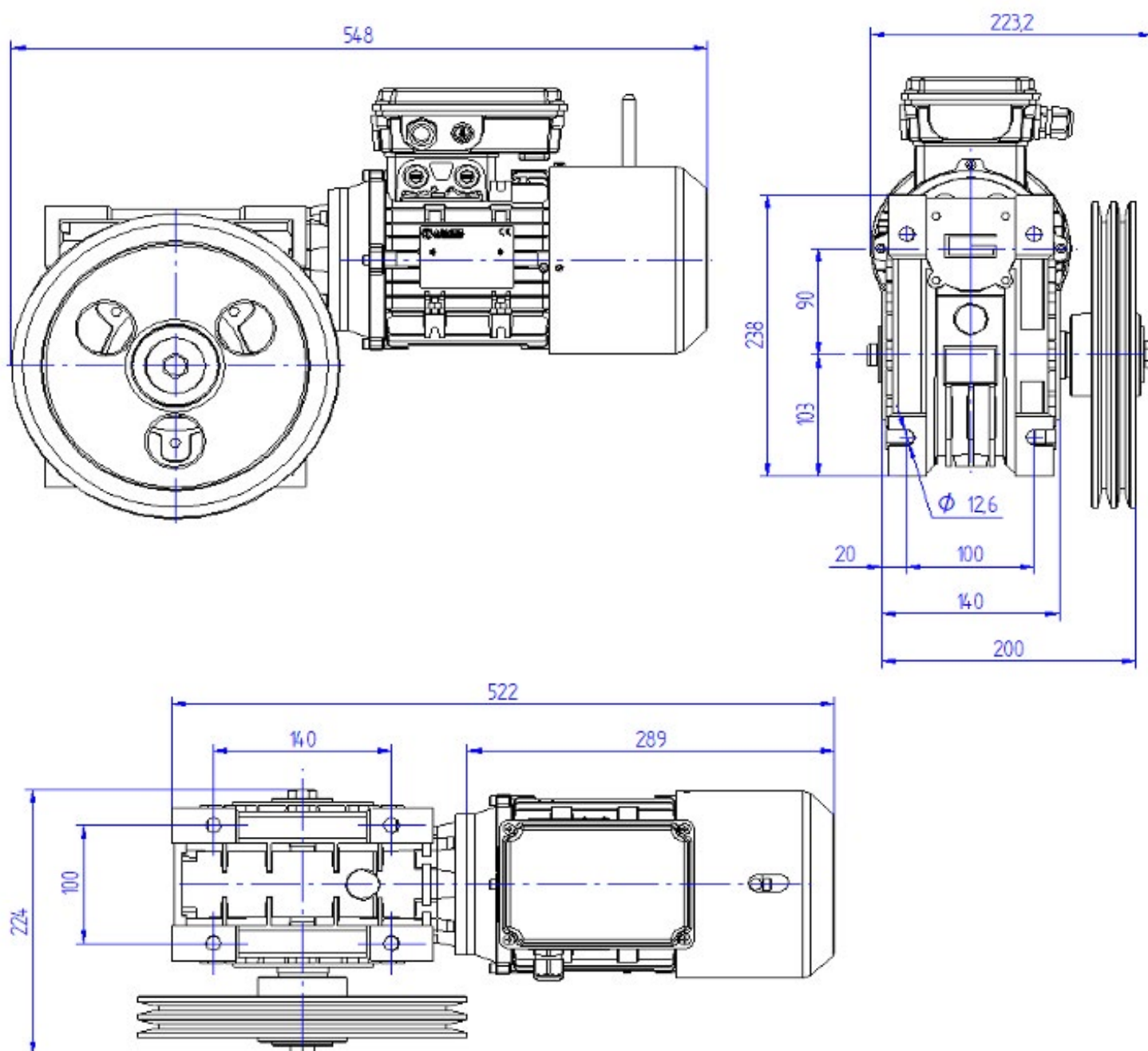
The double disc brake allows to the reduction of the overall dimensions of the traction unit, and produces a reduced weight, avoids the typical noise of a traditional brake and needs no maintenance.

VICENZA VERSION WITH Ø 260mm SHEAVE



Static Load [kg-kN]	Motor		Ratio	Sheave [mm]	Max Payload [kg]
	[Hz]	[kW]			
640kg 6,30kN	50 60	1,1	1/60	260	210

VICENZA WITH PULLEY - DIMENSION



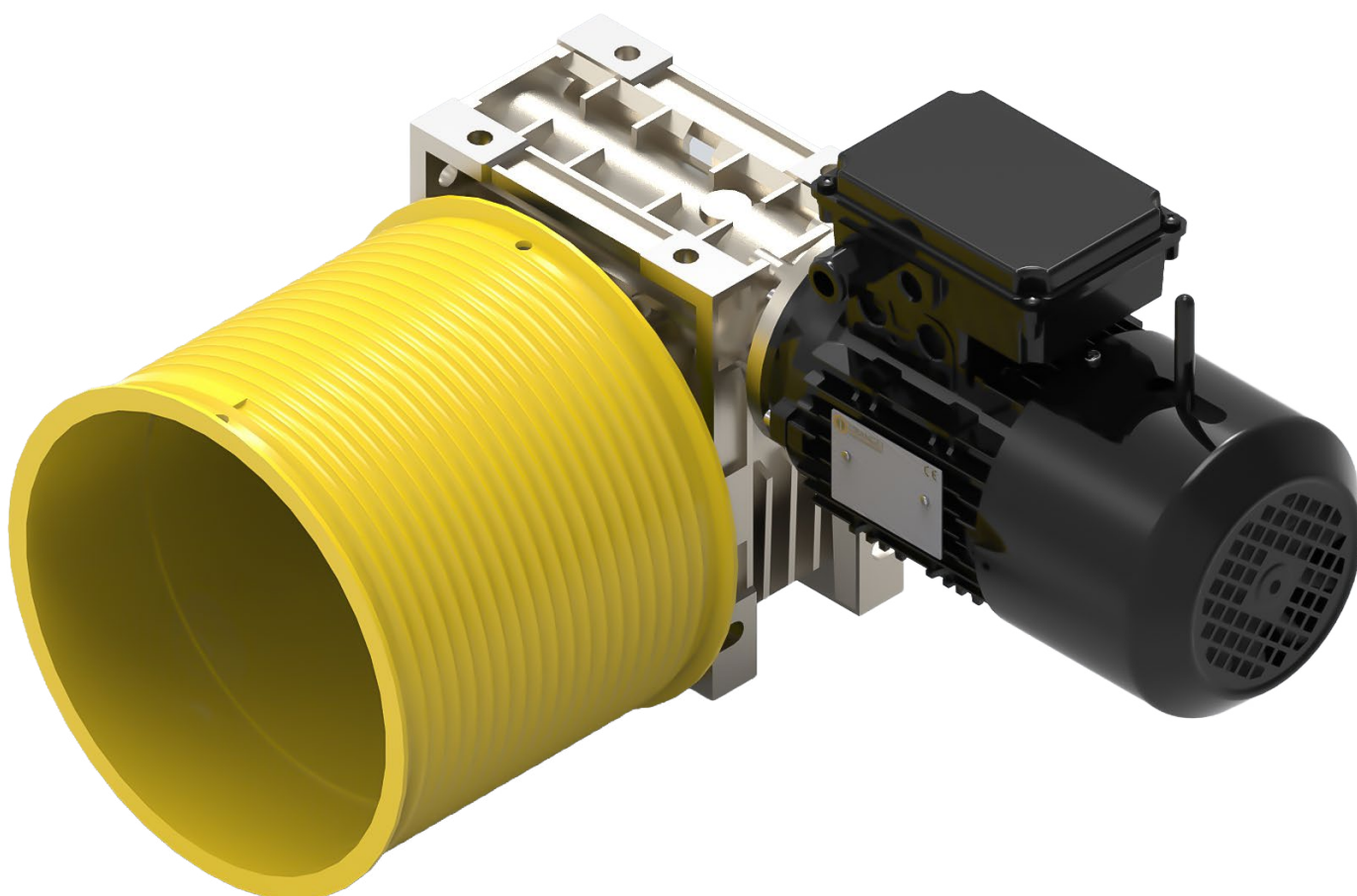
Dati motore - Motor Data

		400V 50Hz	400V 60Hz
Potenza asincrona - Asynchronous Power	[kW]	1,1	1,1
Poli - Poles	[-]	4,0	4,0
Tensione nominale - Rated Voltage	[V]	400	400
Frequenza - Frequency	[Hz]	50	60
Giri - Speed	[-]	1500	1800
Giri asincroni - Asynchronous Speed	[rpm]	1415	1650
Giri sincroni - Synchronous Speed	[rpm]	1500	1800
Potenza asincrona - Asynchronous Power	[Hp]	1,5	1,5
Coppia Nominale - Rated Torque	[Nm]	7,5	7,5
Corrente Nominale - Rated Current	[A]	2,8	2,8
Corrente Avviamento - Starting Current	[A]	12,3	12,3
Efficienza - Efficiency	[%]	0,72	0,72
Fattore di potenza - Power Factor	[%]	0,80	0,84
Avviamenti ora - Starts per Hour	[s/h]	180	180
Classe di isolamento - Insulation Class	[-]	F	F
Grado di protezione IP - IP Cpdde	[-]	IP55	IP55

Dati applicativi - Application Data

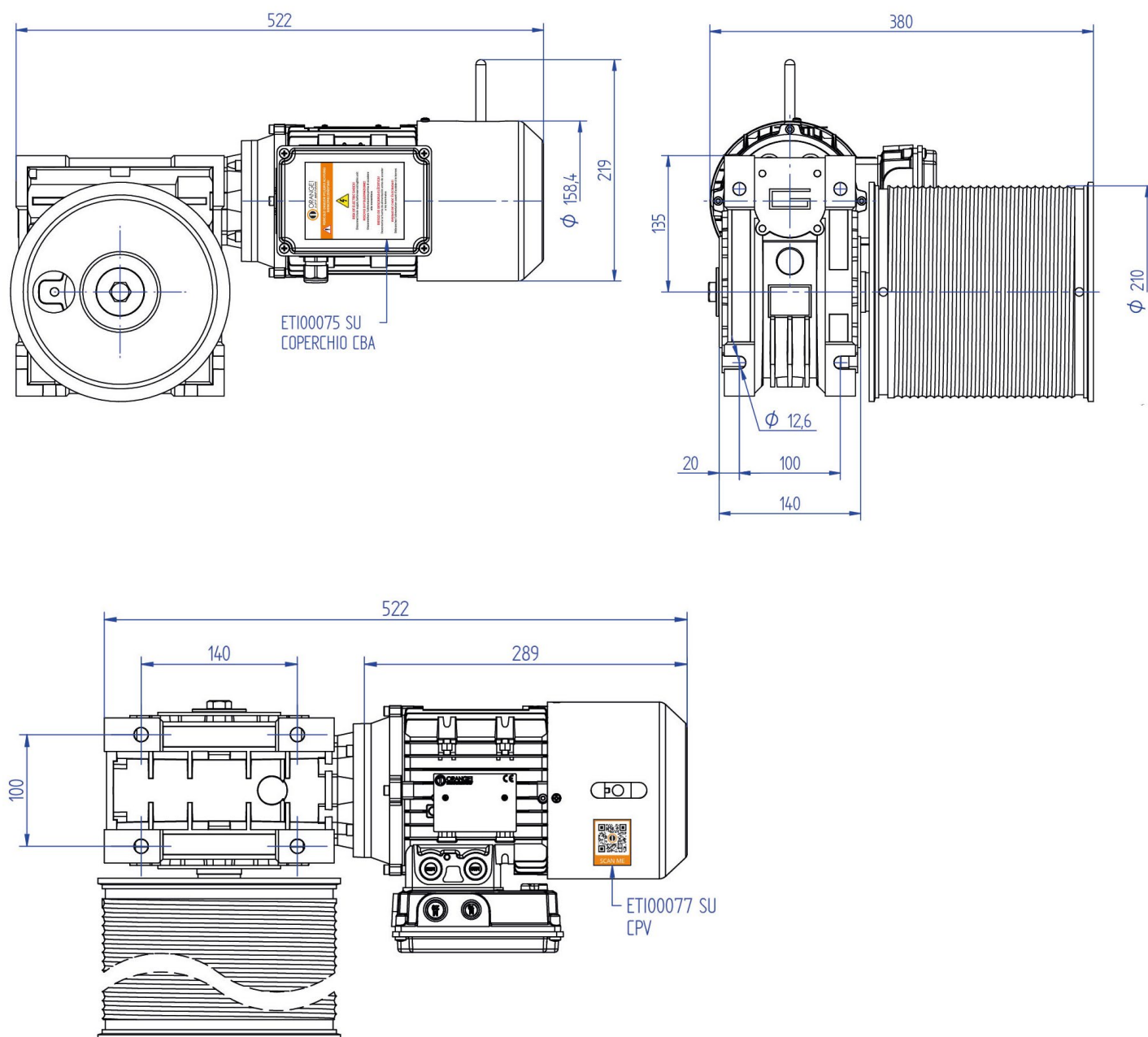
Codice Articolo - Item Code		YVIC1171P2600	YVIC1171P2600
Carico statico - Staic load	[kg]	640	640
Portata - Payload	[kg]	200	200
Velocità - Speed	[m/s]	0,34	0,4
Riduttore - Reduction Ratio	[-]	1/60	1/60
Puleggia - Sheave	[mm]	260	260

VICENZA VERSION WITH Ø210mm DRUM



Static Load [kg-kN]	Motor		Ratio	Drum [mm]	Max Payload [kg]
	[Hz]	[kW]			
640kg 6,30kN	50 60	1,1 1,3	1/60	210	110

VICENZA WINDING DRUM MACHINE - DIMENSION



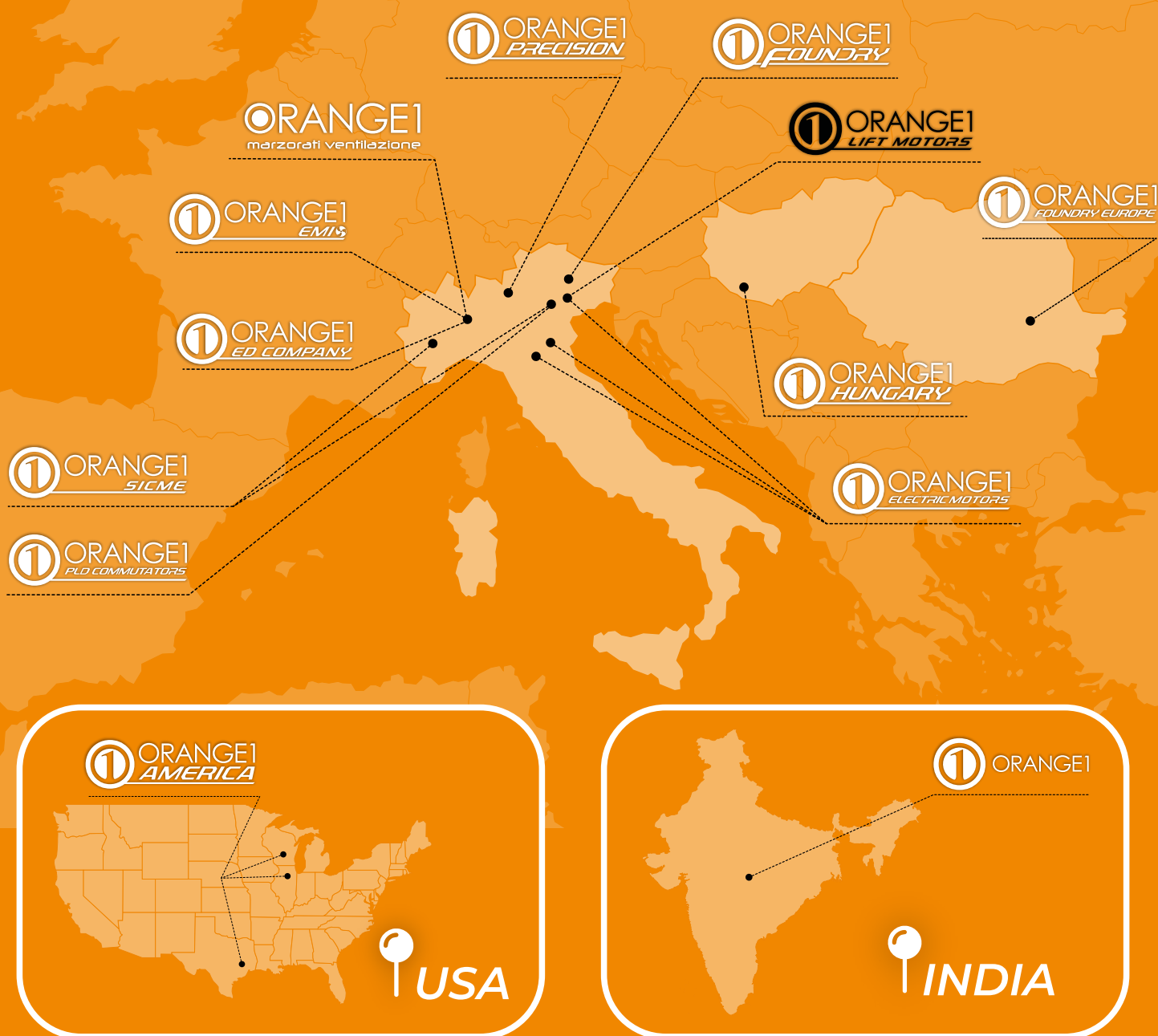
Dati motore - Motor Data

		400V 50Hz	380V 60Hz
Potenza asincrona - Asynchronous Power	[kW]	1,1	1,3
Poli - Poles	[-]	4,0	4,0
Tensione nominale - Rated Voltage	[V]	400	380
Frequenza - Frequency	[Hz]	50	60
Giri - Speed	[-]	1500	1800
Giri asincroni - Asynchronous Speed	[rpm]	1415	1720
Giri sincroni - Synchronous Speed	[rpm]	1500	1800
Potenza asincrona - Asynchronous Power	[Hp]	1,5	1,7
Coppia Nominale - Rated Torque	[Nm]	7,5	7,2
Corrente Nominale - Rated Current	[A]	2,8	3,7
Corrente Avviamento - Starting Current	[A]	12,3	16,3
Efficienza - Efficiency	[%]	0,72	0,72
Fattore di potenza - Power Factor	[%]	0,80	0,73
Avviamenti ora - Starts per Hour	[s/h]	180	180
Classe di isolamento - Insulation Class	[-]	F	F
Grado di protezione IP - IP Cdee	[-]	IP55	IP55

Dati applicativi - Application Data

Codice Articolo - Item Code		YVIC1151T2600	YVIC1361T2100
Carico statico - Staic load	[kg]	640	640
Portata - Payload	[kg]	110	110
Velocità - Speed	[m/s]	0,27	0,33
Riduttore - Reduction Ratio	[-]	1/60	1/60
Puleggia - Sheave	[mm]	210	210

ORANGE1 GROUP - GLOBAL PRESENCE



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