



# ELMO S.R.L.

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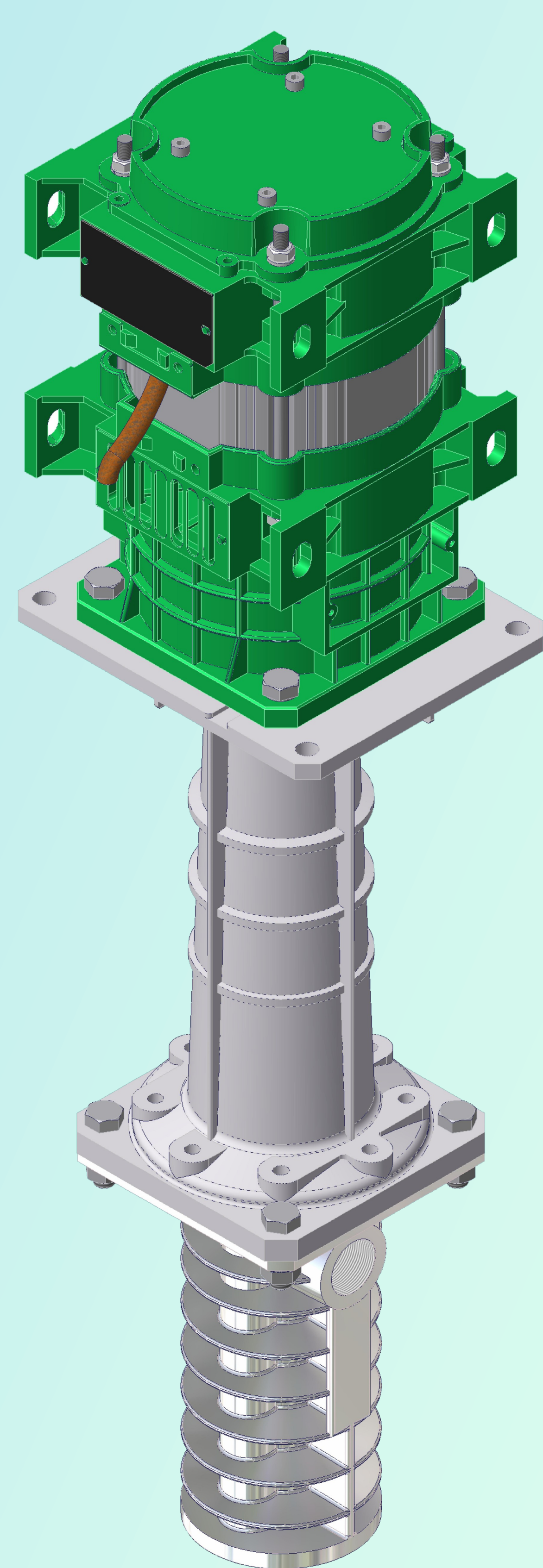
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## HIGH EFFICIENCY MOTORS IE2

EFFICIENCY IN ACCORDANCE WITH IE2 LEVEL ( IEC 60034-30 )

These motors are suitable to be coupled with screw pumps, which are usually used in the field of hydraulic lift, with a simple joint

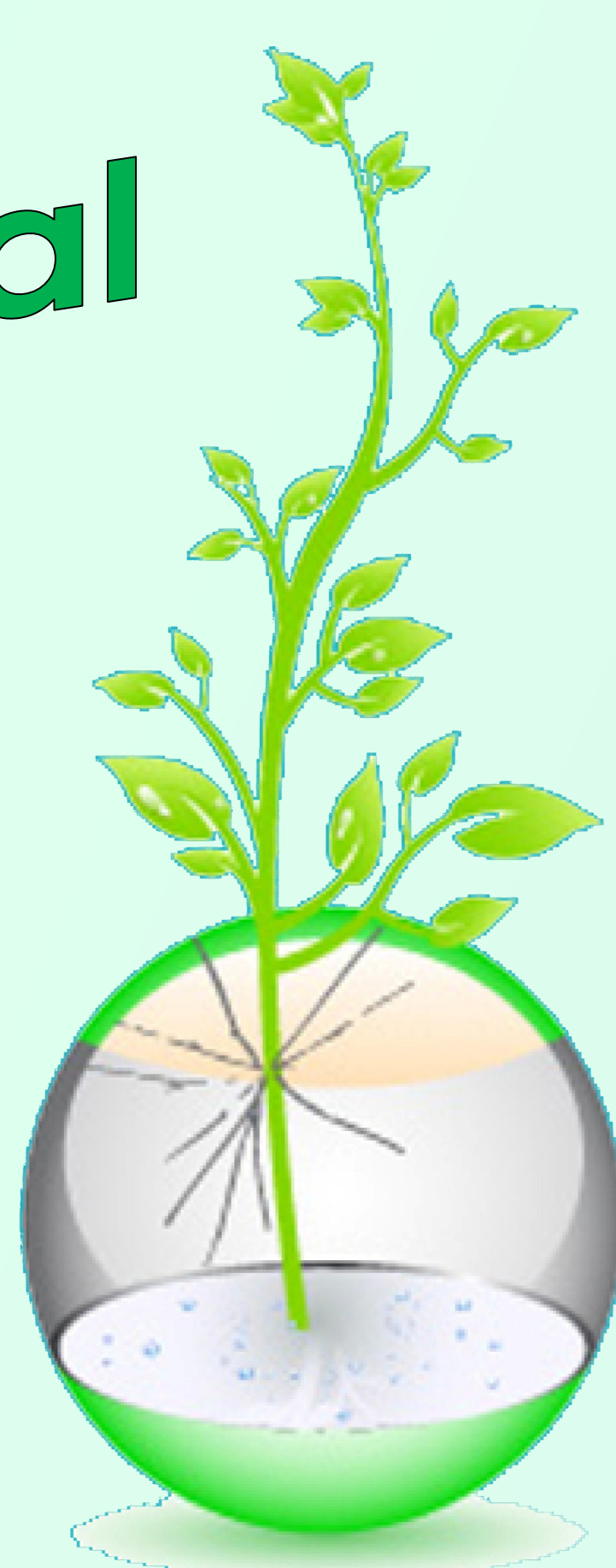


**2 Poles Motors  
Working IN AIR**

**International  
Protection IP21**

**Insulation-Thermal  
Class: 155 (F)**

**Duty S4**



*Output Power:*

**50Hz**

**11 kW**

**9.2 kW**

**7.5 kW**

**5.5 kW**

**4 kW**

**3 kW**

**2.2 kW**

**1.5 kW**

**1.1 kW**

**60Hz**

**13.2 kW**

**11 kW**

**9 kW**

**6.6 kW**

**4.8 kW**

**3.7 kW**

**2.6 kW**

**1.8 kW**

**1.3 kW**

THE TESTS ARE EXECUTED IN AIR WITH WINDINGS AT 40 °C (CELSIUS DEGREES).

THE MOTORS ARE TESTED IN ACCORDANCE WITH AN INTERMITTENT PERIODIC DUTY CYCLE, TYPICAL OF HYDRAULIC LIFT.

## MORE THAN 50 YEARS QUALIFIED EXPERIENCE INTO THE SPECIFIC FIELD OF SUBMERSIBLE ELECTRIC MOTORS FOR HYDRAULIC LIFTS



**2 AND 4 POLES MOTORS  
WITH OR WITHOUT FLYWHEEL  
SUITABLE TO BE CONNECTED TO ALL  
TYPES OF SCREW PUMPS  
MANUFACTURED IN ITALY, EUROPE  
AND USA**

**SUITABLE FOR APPLICATIONS WITH  
VVVF INVERTERS**

*ALL MOTORS COMPLY WITH  
REGULATION FOR ELECTRIC  
MOTORS IEC 60034-1 AND ARE  
MARKED **CE** (EUROPEAN COMMUNITY)*

*ON REQUEST FOR CANADIAN AND USA  
MARKET WE HAVE  
**CSA APPROVAL***

*QUALITY SYSTEM COMPLIES WITH THE  
REQUIREMENTS OF  
**UNI EN ISO 9001:2008***

**2 Poles Motors**

**THREE-PHASE**

FROM 1,5 TO 90 kW at 50Hz

FROM 2,2 TO 108 kW at 60Hz

**SINGLE-PHASE**

FROM 1,2 TO 6 kW at 50 Hz

FROM 1,5 TO 7,4 kW at 60 Hz

**4 Poles Motors**

**THREE-PHASE**

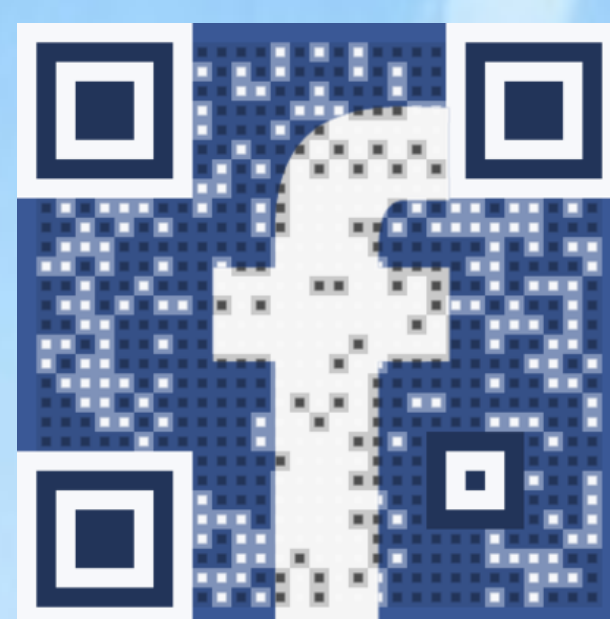
FROM 0,75 TO 45 kW at 50Hz

FROM 0,9 TO 54 kW at 60Hz

**SINGLE-PHASE**

FROM 0,75 TO 6 kW at 50 Hz

FROM 0,9 TO 7,4 kW at 60 Hz



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