



# ELMO

## MOTORI IMMERSI PER ASCENSORI IDRAULICI



Co Ta

CSA

18/05/2018

V.le Certosa 8/B - 27100 Pavia Italy  
 Tel. + 39 382 529564 - 422372  
 Fax. + 39 382 527041  
 E-Mail: info@elmoitaly.com

**SUBMERSIBLE MOTORS FOR HYDRAULIC LIFTS**  
**UNTEROELMOTOREN FÜR HYDRAULISCHE AUFZUEGE**  
**MOTEURS IMMERGÉS DANS L'HUILE POUR ASCENSEURS HIDRAULIQUES**

### PART NUMBER

CONSTRUCTION SIZE: 5 = Size 1 (154x154) 2 = Size 2 (210x210)  
 6 = Size 3 (135x135) or Size 4 (143x143)

POLARITY: (No. poles) 2 or 4

POWER SUPPLY: T = Three-phase M = Single-phase

FREQUENCY: N = 50 Hz S = 60 Hz

POWER AT 60 Hz: (kW) (Ten units/Single units/Decimals)

OMOLOGATION: U = CSA (Canada and USA)  
 E = IEC (European Normative)

VOLTAGE AT 60 Hz:

#### LEADS N° / LENGTH:

Digit	N° of leads	Power supply	Leads length	Motor protect.
C	4	Single phase	1400	NCC
D			2200	
M	6	Three phase	2200	
N			1400	
X	12		2200	

COUPLING: flange Ø / N° of flange holes / Ø shaft hole

Digit	Construction Size 1 (154x154)	Size 3 (135x135)	Size 4 (143x143)
0	flange Ø82.55 shaft hole Ø14	only type S	
4	flange Ø155 shaft hole Ø19	only type S	for Size 3 or 4
5	flange Ø155 shaft hole Ø19	only type W	
6	flange Ø155 shaft hole Ø19	only type S	for Size 1
7	flange Ø155 shaft hole Ø32	type S or type W	
8	flange Ø220 shaft hole Ø32	type S or type W	
X	flange Ø111.1 shaft hole Ø32	only type S	
U	flange Ø111.1 shaft hole Ø32	only type S	for Size 1

  

Digit	Construction Size 2 (210x210)
9	flange Ø220 shaft hole Ø32 type S or type W
Z	flange Ø220 shaft hole Ø38 only type S
Y	flange Ø111.1 shaft hole Ø32 only type S
U	flange Ø111.1 shaft hole Ø32 only type S

TYPE: W = with flywheel S = without flywheel

FRAME FIXING: 2 or 6 or 4 for Size 1 - 7 or 8 for Size 2  
 1 or 5 or 3 for Size 3 and Size 4

OTHER DIMENSIONS: for Size 1 = Z-V-U-T-S-R-P-O-N-M-L-H-Y  
 for Size 2 = G-F-E-D-C-B-A-X  
 for Size 3 = V-U-S-P-O-F-E-L  
 for Size 4 = Z-V-U-S-P-O-F-E-L-H-Y

Size 4	011	015	018	022	026	029	037	044	051	062																			
Power Single-phase 4 Poles																													
Size 1	015	022	030	040	055	074	Size 3	015	018	026	037	044	060	074															
Single-phase 2 Poles																													
Size 2	150	180	220	260	370	450	540	Size 4	009	150	013	180	018	220	026	260	037	370	048	450	055	540	066	075	090	110	132		
Power Three-phase 4 Poles																													
Size 2	290	370	400	480	570	720	800	Size 3	024	290	037	370	055	400	073	480	090	570	110	720	130	820	150	150	156	185	240	290	370
Power Three-phase 2 Poles																													
Digit	14	16	20	21	22	23	24	26	38	40	41	42	44	46	48	50	57	60	83										
Voltage	200/208 V	220/230 V	Δ 200 V	Δ 208 V	Δ 220 V	Δ 230 V	Δ 240 V	Δ 254 V	Δ 380 V	Δ 400 V	Δ 415 V	Δ 420 V	Δ 440 V	Δ 460 V	Δ 480 V	Δ 500 V	Δ 575 V	Δ 600 V	Δ 230/460 V										
	Single-phase N°4 leads									Three-phase N°6 leads:									Three-phase N°12 leads										

### SERIAL NUMBER OF THE MOTOR

YEAR: Example: 15 = 2015 18 = 2018 20 = 2020

PROGRESSIVE INTERNAL ALPHANUMERIC NUMBER:  
 letters and numbers from 3° to 6° Digit

PROGRESSIVE NUMBER OF SERIES:  
 01 = first motor 99 = ninety-ninth motor

### ORDER CONFIRMATION

Customer's order

Date of delivery

Part Number

Motor code of customer

kW \_\_\_ HP \_\_\_ VOLT \_\_\_ Hz \_\_\_

### INVOICE

Part Number  Motor code of customer

kW \_\_\_ HP \_\_\_ VOLT \_\_\_ Hz \_\_\_

Coupling and frame

Motor rating plate  Customer's order

### TEST / AUDIT MONTH:

January = 01	July = 07
February = 02	August = 08
March = 03	September = 09
April = 04	October = 10
May = 05	November = 11
June = 06	December = 12

		Viale Certosa N°8/B - Pavia - ITALY			
SUBMERSIBLE HYDRAULIC PUMP MOTOR					
P/N	S/N	Audit	Amb. 70°C	Ins. Cl. F	
ph	Output	kW	HP	Duty S2 - 30 min	Prot. IP 00
Hz	V	R.P.M.	Code:	Design:	
I nom.	A	P.F.	Eff.	%	
Use a non aggressive paraffinic oil Reliability assured only by using thermal detectors Max 30 pct overload for 45 sec					
For operating instructions see www.elmoitaly.com PATENTED MADE IN ITALY					

### MOTOR RATING PLATE CSA

BAR CODE: ELMO Part N. (if request)

BAR CODE: ELMO Serial N. (if request)

YEAR: Example: 2015 = 2015

IN ANY MOMENT AND WITHOUT NOTICE ELMO CAN CHANGE MANUFACTURING PROCESS, PERFORMANCE FEATURES.

LA ELMO S.r.l. SI RISERVA IL DIRITTO DI APPORTARE QUALSIASI VARIAZIONE SENZA ALCUN PREAVVISO.