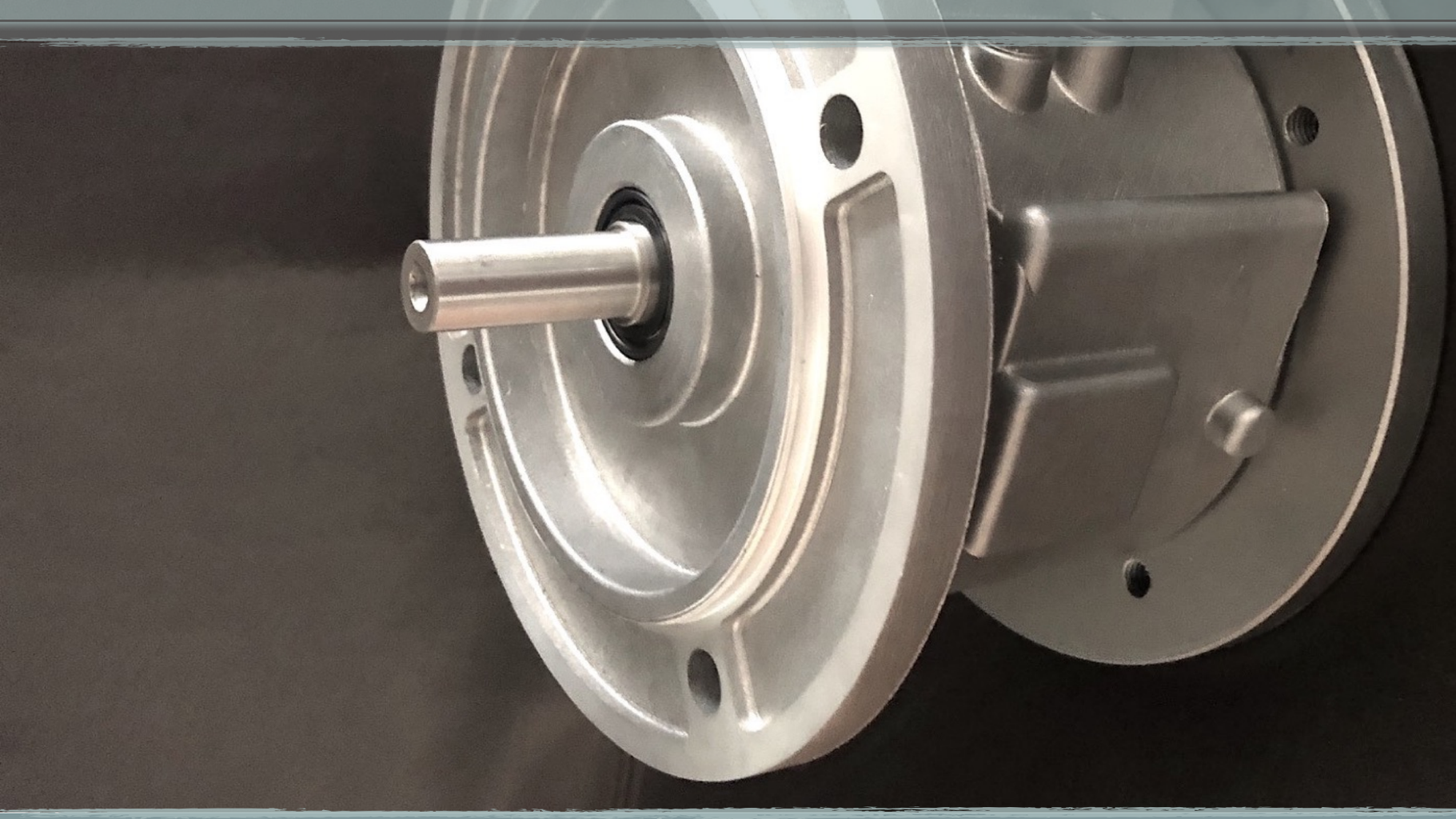
MOTOR FRENO

COEL

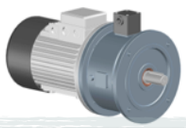
MOTOR FRENO COEL SERIE VIS



2019 VIS STANDARD

IEC 71 to 160 – 7 to 180 Nm

THE ALL NEW VIS STANDARD



modular high performance brakes

When in 2004 we invented the first VIS patent pending line of modular brakes for hazardous areas, we simply introduced something that was missing at that time in the market.

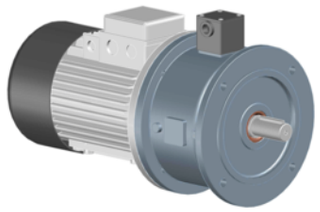
The new “VIS Standard” line once again introduces a revolution in the power transmission market even in safe areas.

Why “standard”? Because VIS is simply defining the new standard in the brake motors sector.

The “VIS standard” is the answer for the requirement of flexibility and lean lead times of the modern market; it’s is now possible to use a common B5 motor from stock applied to the “VIS standard” but not only…

Thanks to its extraordinary performances, the new VIS standard line introduces many improvements able to guarantee superior performances in any application.

ALL THE BEST FEATURES IN ONE STANDARD SOLUTION



IP66 protection

A completely closed construction allows to offer a fully protected brake agains dust and water.

Aluminum frame for IEC 71 - 90 and cast iron frame for IEC 100 to 160

We chose the best possible materials able to guarantee light weight and extreme sturdiness in relation to the brakes frame sizes.

Thermally treated shaft as standard

Brake motors require sometimes high resistance shafts; we made it standard introducing the thermally treatment for all our shafts.

Input voltage from 200 to 500 VAC all in one thanks to the all new power supply rectifier included in the terminal box

One brake, all voltages! We developed a new power supply rectifier able to get input voltage from 200 to 500 VAC maintaining the same output voltage. One brake for any voltage means reduced stock and immediate delivery time available.

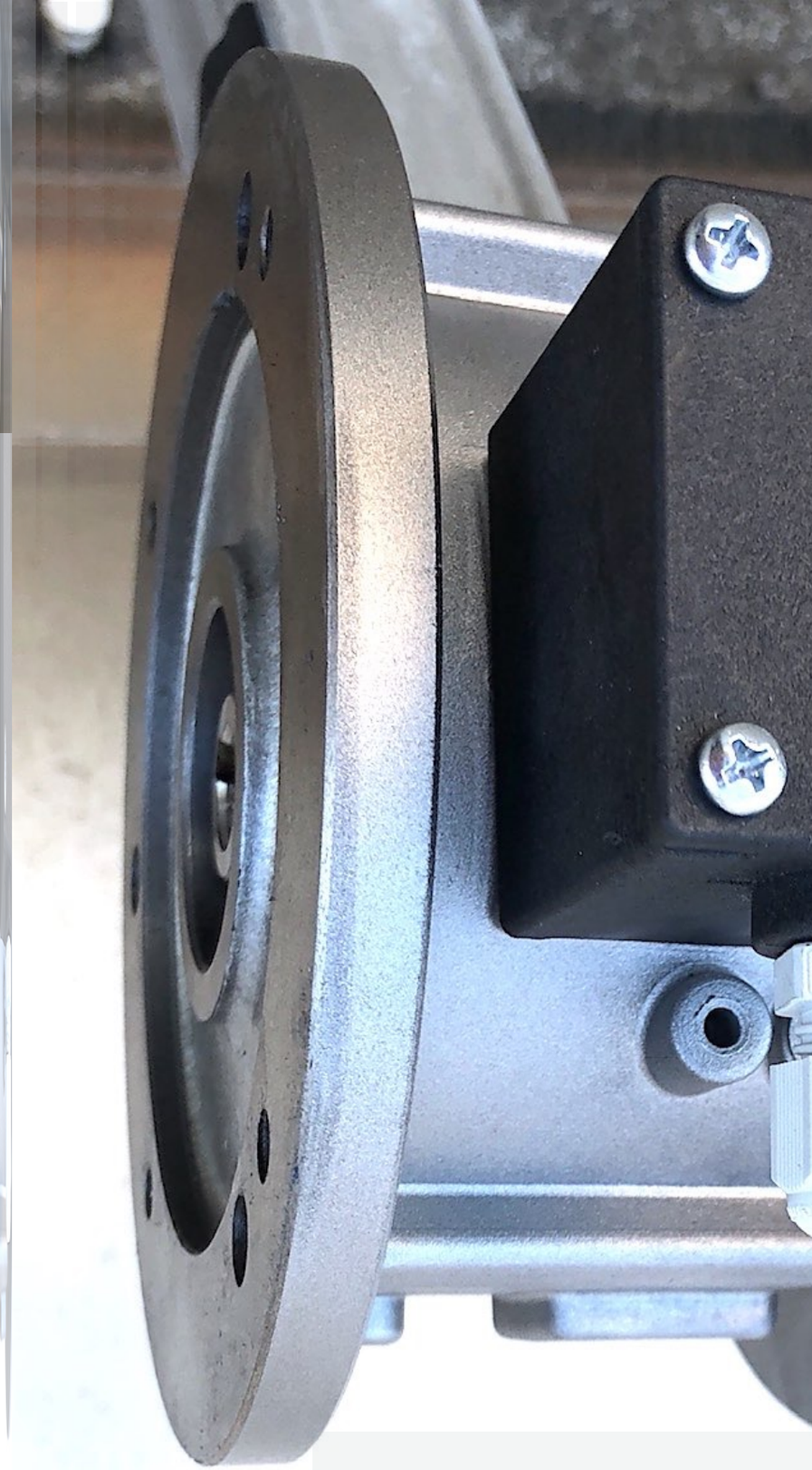
Extremely low noise operation

More and more applications require low noise brake operation; we made it standard for all the “VIS standard” brakes.

Extra high durability of brake disc

We carefully studied a new friction material able to guarantee very low consumption and excellent braking coefficient both in cold and warm condition. It means longer brake life.

THE NEW STANDARD

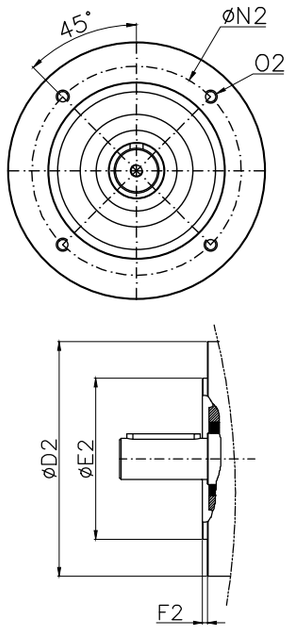


STANDARD

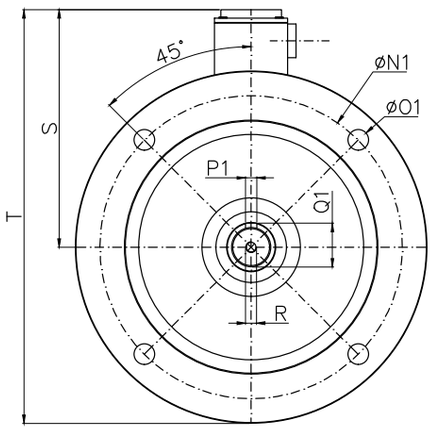
low noise

High durability

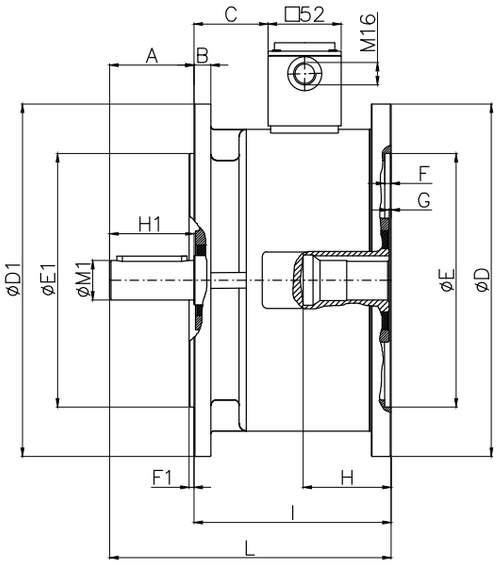
Output IEC B5 or B14

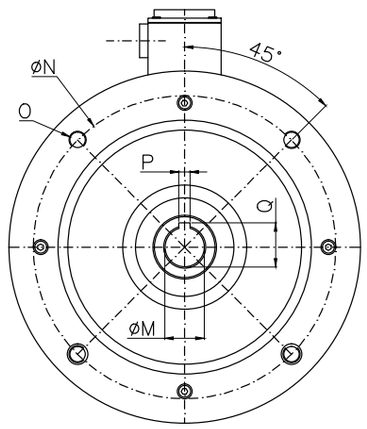


B14



B5





Thermally treated shaft

Modular

Available screws release

IP66

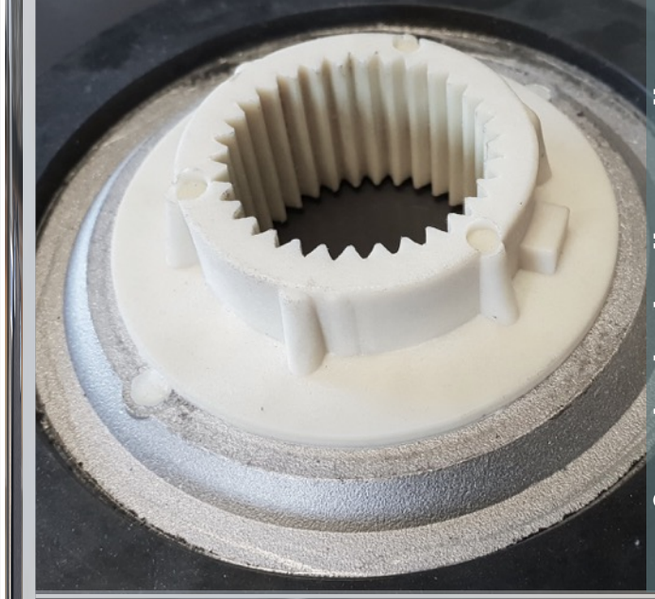
200 to 500 VAC all in one

Frame	A	B	C	D	D1	E (H	E1 (h8	G	F	F1	H	H1	I	L	M (E6	M1	N	N1	O	O1	P	P1	Q	Q1	R	S	T	E2	D2	F2	N2	O2
71	30	9	26	160	160	110	110	1	4	3,5	33,5	30	92	122	14	14	130	130	M8	9,5	5	5	16,3	16	M4X10	120	200	70	105	2,5	85	M6
80	40	10	33,5	200	200	130	130	2	4	3,5	45	40	112,5	152,5	19	19	165	165	M10	11,5	6	6	21,8	21,5	M6X20	136,5	236,5	80	120	3	100	M6
90	50	10	33,5	200	200	130	130	2	4	3,5	54	50	112,5	162,5	24	24	165	165	M10	11,5	8	8	27,3	27	M6X20	136,5	236,5	95	140	3	115	M8
100	60	12	52,5	250	250	180	180	1,5	4,5	4	62,5	60	140	200	28	28	215	215	M12	14,5	8	8	31,3	31	M8X20	168,5	293,5	110	160	3,5	130	M8
112	60	12	52,5	250	250	180	180	1,5	4,5	4	62,5	60	140	200	28	28	215	215	M12	14,5	8	8	31,3	31	M8X20	168,5	293,5	110	160	3,5	130	M8
132	80	14	65,5	300	300	230	230	2	4,5	4	83	80	165	245	38	38	265	265	M12	14,5	10	10	41,4	41	M10X2	190,5	340,5	na	na	na	na	na
160	110	15	65,5	350	350	250	250	2	5,5	5	113	110	166	276	42	42	300	300	M16	18	12	12	45,4	45	M10X2	201,5	376,5	na	na	na	na	na

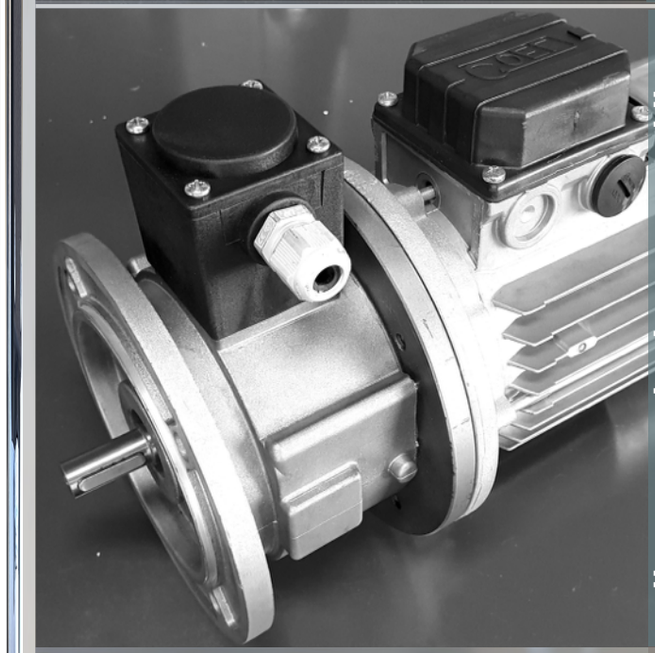
TECHNICAL SPECIFICATION

Frame	Nominal torque [Nm] +/-10%	Max. speed rpm	Input Power to rectifier Max	Engagement time [ms]	Disengagement time [ms]	Max. switching power [kJ/h]	Max. switching energy [kJ]	Moment of inertia J [kgcm2]	Kg
71	7	5000	40	50	50	270	30	2	5
80	12	3600	60	60	60	320	35	3	8,5
90	22	3600	60	60	60	320	35	3	8,5
100	40	3600	70	80	70	420	45	18	25
112	60	3600	70	80	70	420	45	18	25
132	120	3600	90	150	120	570	70	40	45
160	180	3600	90	150	120	570	70	40	60

VIS STD



Superior brake discs quality



Uncompromised easy assembling

All new power supply element

STANDARD

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