



FENOJA[®]
ITALIAN GEARBOX & GEARLESS MACHINE

**New Generation
Permanent Magnet
Synchronous Gearless
Traction m/c.**



FIL-75ML
Gearless Machine



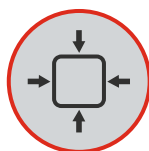
**No Machine Room
Require**



Save Energy



Low Noise



Compact Designs



**Technology
Collaboration by Italy**

FIL-75ML

Gearless Machine

Static load: 3.400 Kg
Capacity: 680 kg max 2: 1
Torque moment: 385 Nm –
S5-40%ED – 180 avv/h.
Pulley: 240 – 320 mm
Gearless weight: 185kg
Voltage: 380 V
Encoder: ERN1387 HEIDENHAIN

FIL 75ML Cylindrical Gearless

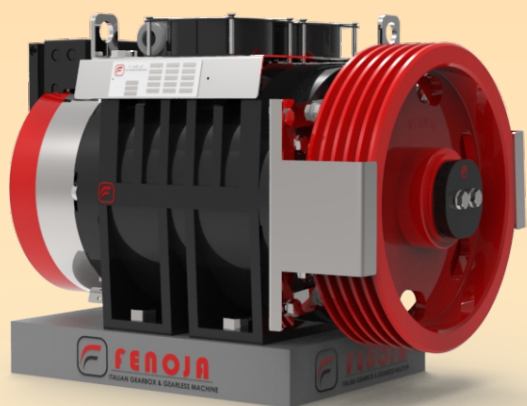
Fenoja FIL75ML Gearless Motor is the most trusted and advanced lift system in the indigenous market. When maximizing the needs of installation cost minimization with safety ride & comfort.

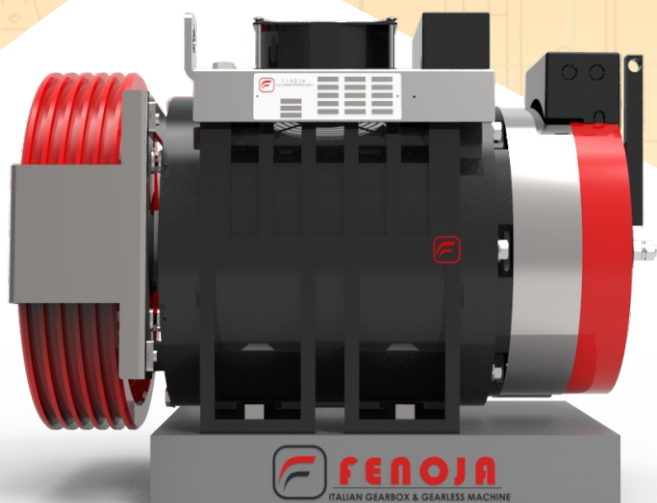
Product Description:

1. Crucial Short circuit torque is always higher than the rated one in order to perform emergency operations in safety and security complete in all respects. safety and security.
2. The mechanically redundant brake with double magnetic circuit is certified for excessive incline of speed .
3. The appropriate cooling fans.
4. Cantilevered Traction sheave
5. Mechanism fo Introduced and hand with levers for manual release, power cable already connected and encoder cable. (Special connector on request only).
6. For installations of reporting a static load up to 3.400 kg and capacities up to 816 kg max roping 2:1 are satisfied.
- 7 Torque moment: 385 Nm - S5-40%ED - 180 avv/h

Typical application: Machine Roomles

- 2:1 – 544 kg - 320 mm Traction Pulley
- 2:1 – 680 kg - 320 mm Traction Pulley

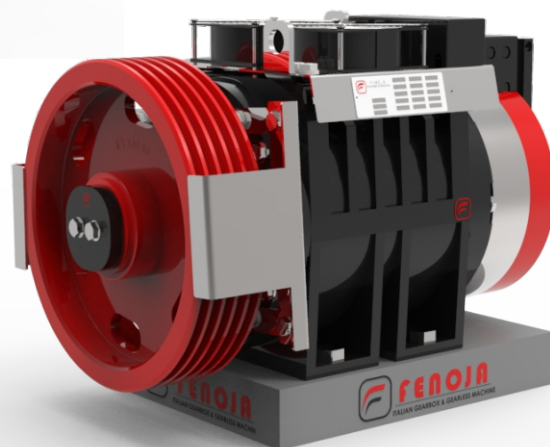




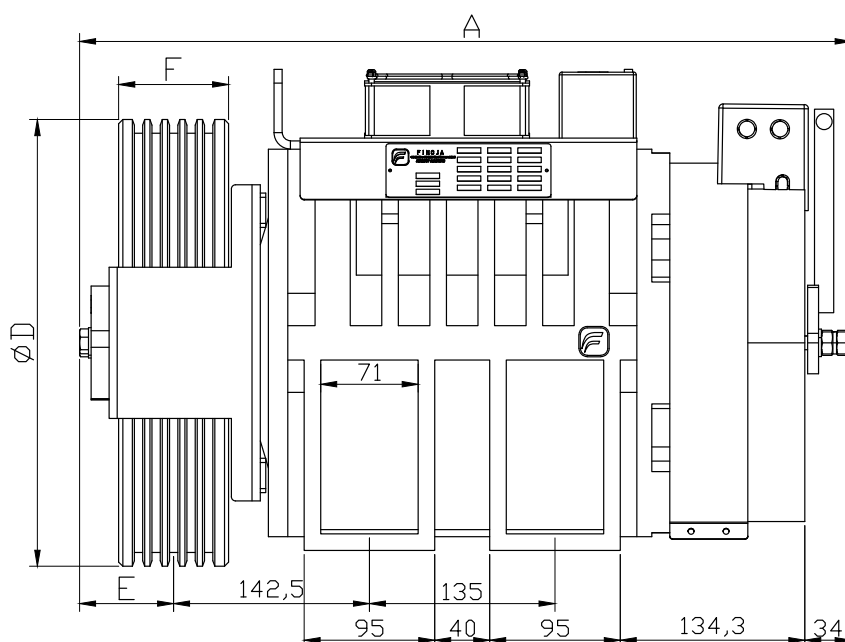
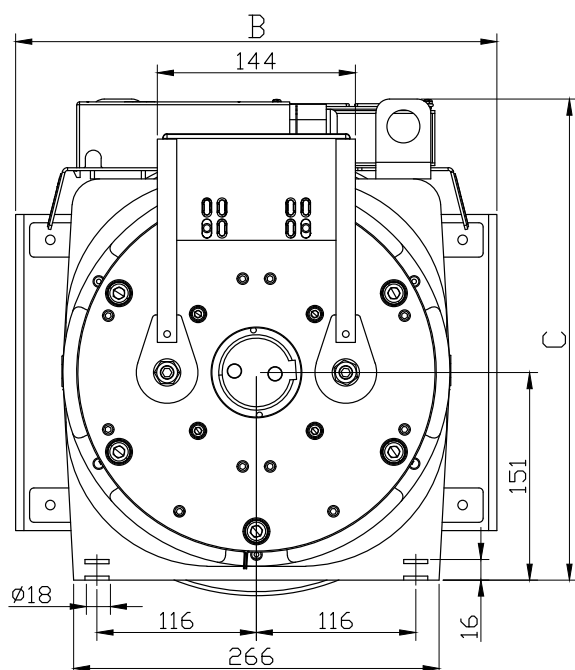
FIL-75ML

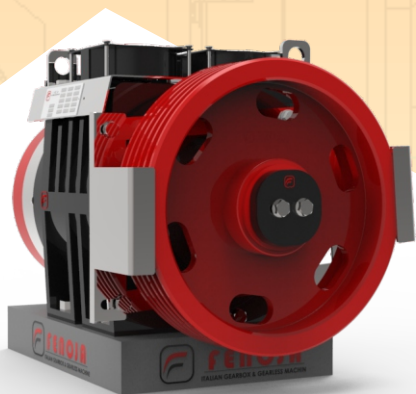
Gearless Machine

New Generation Permanent Magnet Synchronous Gearless Traction m/c.



Gear less Type	Traction Sheave (mm)		Dimension(mm)			
FIL75ML	øD	F	A	B	C	E
	320	80	564	350	380	78



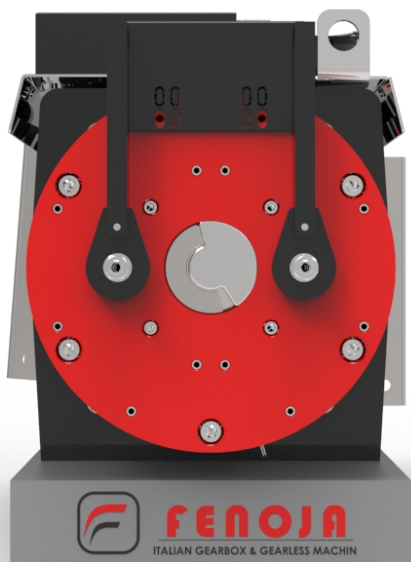


FIL-75ML

Gearless Machine

02:01	LOAD	SPEED	Ø	ROPES	PITCH	TORQUE	POWER	RPM	Freq	CURRENT 380V
	KG	M/S	MM	MAX	MM	NM	K.W	RPM	Hz	A
02:01	544	0,5	240	6xØ6	12	224	1,9	79,6	10,6	7,0
			320	4xØ8	17	299	1,9	59,7	8,0	9,3
		0,63	240	6xØ6	12	224	2,4	100,3	13,4	8,7
			320	4xØ8	17	299	2,4	75,2	10,0	9,3
		1	240	6xØ6	12	224	3,7	159,2	21,2	11,6
			320	4xØ8	17	299	3,7	119,4	15,9	11,6
		1,5	240	6xØ6	12	224	5,6	238,7	31,8	15,7
			320	4xØ8	17	299	5,6	179,0	23,9	15,5
		1,6	240	6xØ6	12	224	6,0	254,6	34,0	15,7
			320	4xØ8	17	299	6,0	191,0	25,5	15,5
		1,75	240	6xØ6	12	224	6,5	278,5	37,1	15,7
			320	4xØ8	17	299	6,5	208,9	27,9	21,0
		2	240	6xØ6	12	224	7,5	318,3	42,4	20,4
			320	4xØ8	17	299	7,5	238,7	31,8	21,0
		2,5	240	6xØ6	12	224	9,3	397,9	53,1	30,3
			320	4xØ8	17	299	9,3	298,4	39,8	27,2
	680	0,5	240	6xØ6	12	280,3	2,3	79,6	10,6	8,7
			320	4xØ8	17	373,7	2,3	59,7	8,0	11,6
		0,63	240	6xØ6	12	280,3	2,9	100,3	13,4	10,9
			320	4xØ8	17	373,7	2,9	75,2	10,0	11,6
		1	240	6xØ6	12	280,3	4,7	159,2	21,2	14,6
			320	4xØ8	17	373,7	4,7	119,4	15,9	14,6
		1,5	240	6xØ6	12	280,3	7,0	238,7	31,8	19,7
			320	4xØ8	17	373,7	7,0	179,0	23,9	19,4
		1,6	240	6xØ6	12	280,3	7,5	254,6	34,0	19,7
			320	4xØ8	17	373,7	7,5	191,0	25,5	19,4
		1,75	240	6xØ6	12	280,3	8,2	278,5	37,1	19,7
			320	4xØ8	17	373,7	8,2	208,9	27,9	26,2
		2	240	6xØ6	12	280,3	9,3	318,3	42,4	25,5
			320	4xØ8	17	373,7	9,3	238,7	31,8	26,2
		2,5	240	6xØ6	12	280,3	11,7	397,9	53,1	37,9
			320	4xØ8	17	373,7	11,7	298,4	39,8	34,0
02:01	816	0,5	240	6xØ6	12	324,9	11,0	79,6	10,6	10,1
		0,63	240	6xØ6	12	324,9	2,7	100,3	13,4	12,7
		1	240	6xØ6	12	324,9	3,4	159,2	31,2	16,9
		1,5	240	6xØ6	12	324,9	5,4	238,7	31,8	22,8
		1,6	240	6xØ6	12	324,9	8,1	254,6	34,0	22,8
		1,75	240	6xØ6	12	324,9	8,7	278,5	37,1	22,8
		2	240	6xØ6	12	324,9	9,5	318,3	42,4	29,5
		2,5	240	6xØ6	12	324,9	10,8	397,9	53,1	43,9

New Generation Permanent Magnet Synchronous Gearless Traction m/c.



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