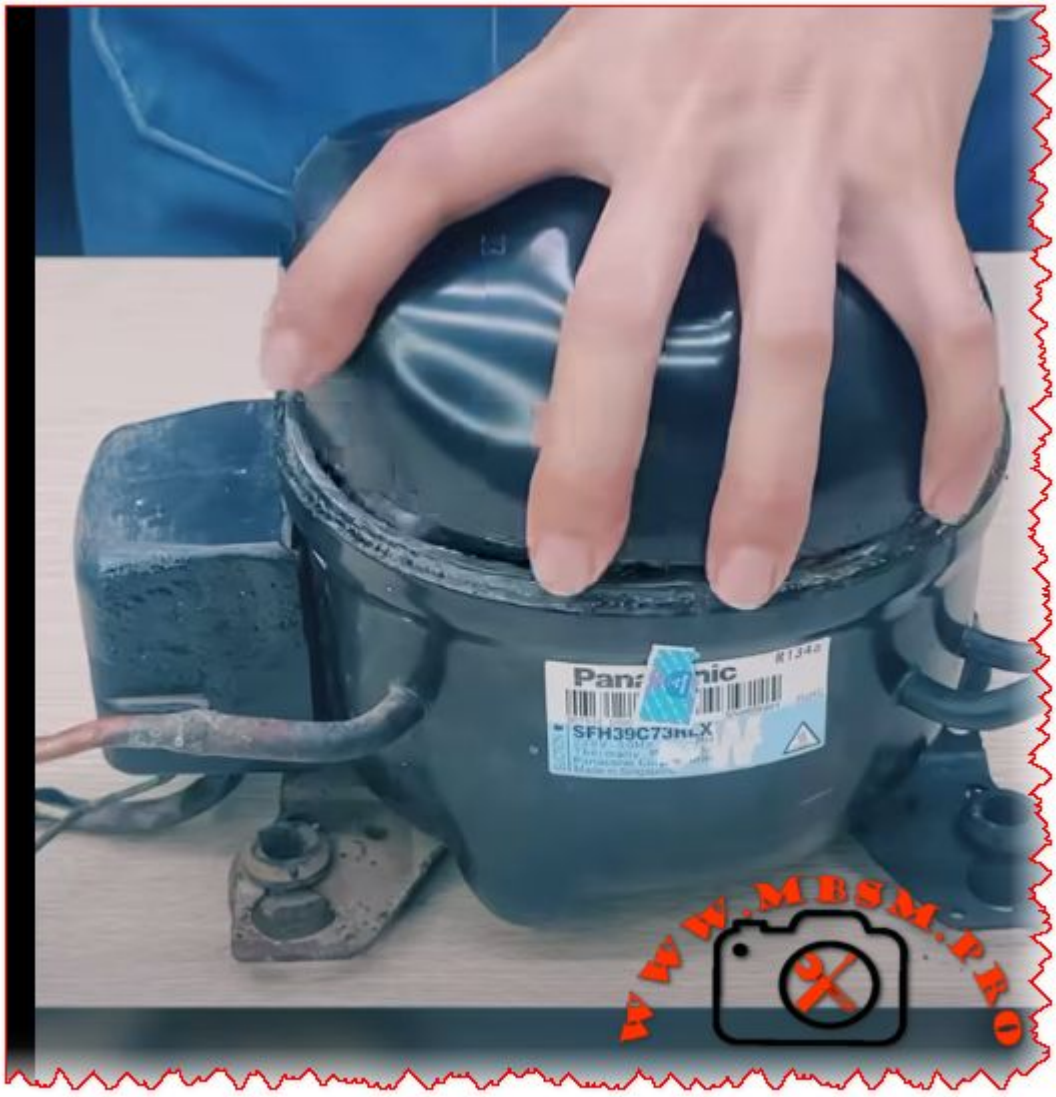
Panasonic SFH39C73H Compressor Specs and Replacements

Category: Mbsmpro,Refrigeration
written by www.mbsm.pro | 25 February 2026



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R134a, refrigerant, compressor SFH39C73H, 220-240V 50Hz, LBP, 1/5 hp

Description

Mbsm.pro: Compressor, Panasonic, SFH39C73H, 1/5 HP, 1Ph, 220-240V 50Hz, R134a, LBP, Refrigeration & Freezing

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Technical Specifications Table

Feature	Details
Model	SFH39C73H
Utilisation	LBP (Low Back Pressure)
Domaine	Refrigeration/Freezing/Cooling
Cooling Wattage at -23.3°C	Approx. 105-110 W
Cubic Feet Capacity	4 to 7 cu. ft. (Depending on insulation)
Litres Capacity	100 to 200 Liters
Kcal/h	90-95 Kcal/h (at -23.3°C)
TON	~0.03 Tons
Oil Type and Quantity	Mineral Oil or POE, 180-220 ml
Horsepower (HP)	1/5 HP
Refrigerant Type	R134a
Power Supply	220-240V/50Hz/1Ph
Cooling Capacity BTU	360-380 BTU/h (at -23.3°C)
Motor Type	RSCR (Resistance Start Capacitor Run) or RSIR
Displacement	3.9 cm^3
Winding Material	Copper
Pression Charge	8-12 Bar (High Side)
Capillary Recommendation	0.028″ to 0.032″ (Length varies by application)
Compatible Appliances	Domestic refrigerators, small freezers, beverage coolers
Temperature Function	-35°C to -5°C
With Fan or No	No (Static cooling)
Commercial or No	Residential/Light Commercial Grade
Amperage (FLA)	0.8 A to 1.2 A
LRA (Locked Rotor Amps)	5.5 A to 7.0 A
Type of Relay	PTC Relay or Current Relay (Panasonic specific)
Capacitor Value	Not required for RSIR; 10-15 µF for RSCR
Origin/Exporting	Designed in Japan/Manufactured in Singapore or China

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Replacement Model:

Brand	Model Number
danfoss	SC10G, SC12G
embraco	NL5FT, NL6FT
electrolux	SFH39C73H
foster	SFH39 series
gec	NL5FT
gorenje	SFH39 compatible
huayi	HYB35YG
lg	MC3510Y, MC4010Y
matsushita	SFH39C73H, SF39C60RAW5
panasonic	SFH39C73H, SF39C60RAW5, SFH39C64RAW
secop	SC10G-HST
tecumseh	CAJ4410Z, CAJ4510Z

Efficiency Metrics (COP) Table

Performance varies significantly based on how hard the unit is working. Here is how the SFH39C73H performs across the temperature spectrum:

Evaporating Temp (°C)	Cooling Capacity (Watts)	Power Consumption (Watts)	COP (W/W)
-35	65	68	0.95
-30	82	75	1.09
-25	95	78	1.22
-23.3	105	80	1.31
-20	115	83	1.39
-15	135	88	1.53
-10	158	93	1.70
-5	185	98	1.89

5 Replacements (Same R134a Gas)

1. **Embraco NL5FT** (Direct equivalent, 1/5 HP, LBP)
2. **Danfoss SC10G** (Strong alternative, reliable performance)
3. **Tecumseh CAJ4410Z** (Classic reliable swap, R134a)
4. **LG MC3510Y** (OEM quality, Korean manufacturing)
5. **Huayi HYB35YG** (Budget-friendly alternative, Chinese manufacture)

5 Replacements (Other Gas – R600a/R290)

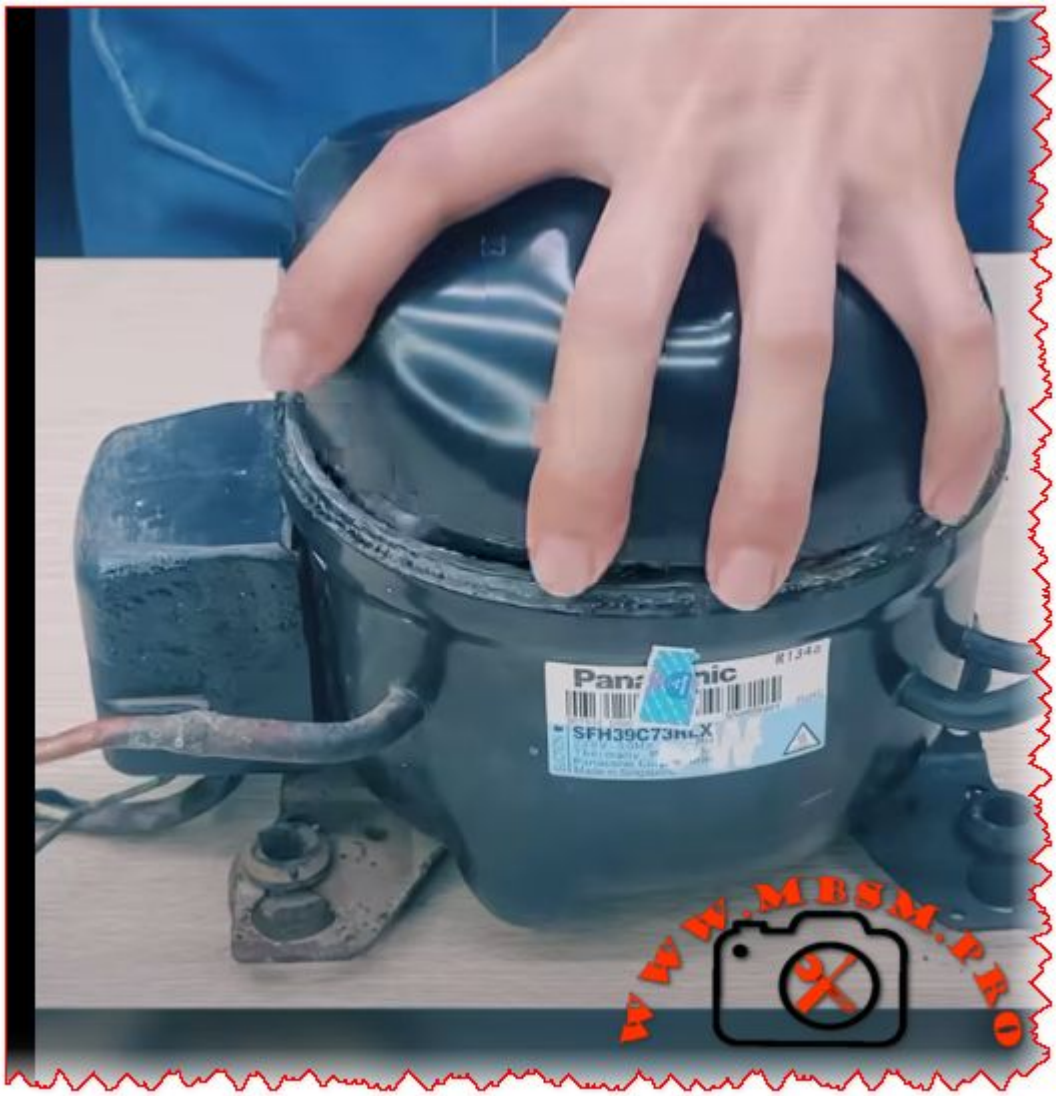
Note: Requires complete system flush and expansion valve/capillary adjustment.

1. **Embraco EG60HLC** (R600a – Isobutane, very efficient)
2. **Danfoss SC10CNX** (R290 – Propane, modern refrigerant)
3. **Panasonic NR series** (R600a – Direct manufacturer alternative)
4. **Secop NL5FT-R600a** (R600a conversion variant)
5. **Tecumseh THB4510Z** (R600a – High efficiency)

SEO Information

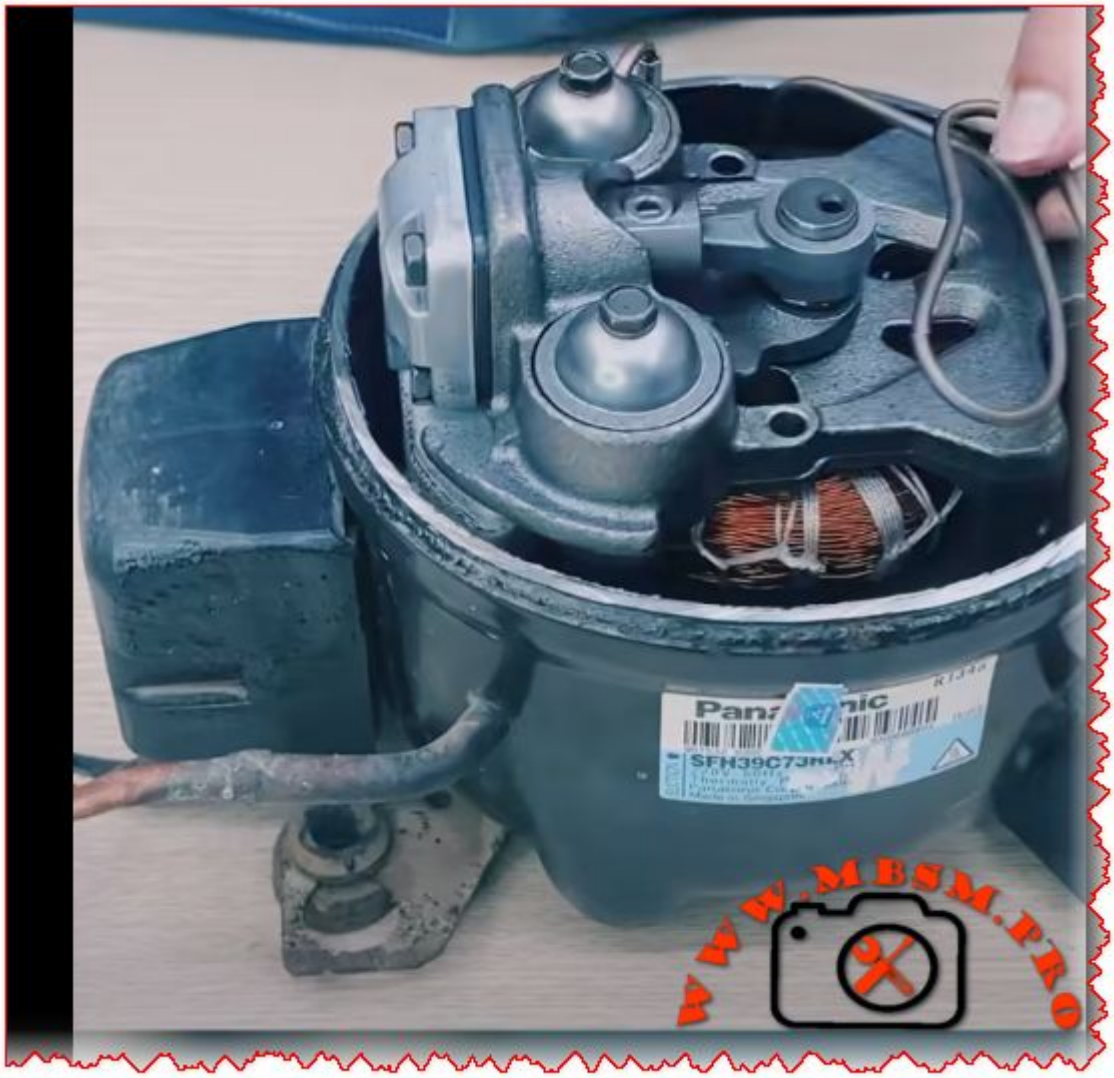
Focus Keyphrase: Panasonic SFH39C73H Compressor Specs and Replacements
SEO Title: Mbsm.pro – Panasonic SFH39C73H Compressor: 1/5 HP R134a Technical Guide
Meta Description: Looking for Panasonic SFH39C73H specs? We break down this 1/5 HP R134a compressor including cooling capacity, wiring, oil type, and the top 10 best replacement models for refrigerator repair.
Slug: panasonic-sfh39c73h-compressor-1-5-hp-r134a-specs
Tags: Mbsmgroup, Mbsm.pro, mbsmpro.com, mbsm, Panasonic, SFH39C73H, SF39C, R134a, 1/5 HP, NL5FT, SC10G, CAJ4410Z, MC3510Y, HYB35YG, Compressor Replacement, HVAC, Refrigeration Repair, LBP Compressor, Refrigerator Compressor
Excerpt: The Panasonic SFH39C73H is a compact 1/5 HP compressor designed for

R134a refrigeration systems, commonly found in domestic refrigerators and small freezers. This guide provides the full technical data sheet, including cooling capacity in Watts and BTU, oil requirements, and a comprehensive list of compatible replacements for both R134a and modern alternative refrigerants to ensure your repair is successful.



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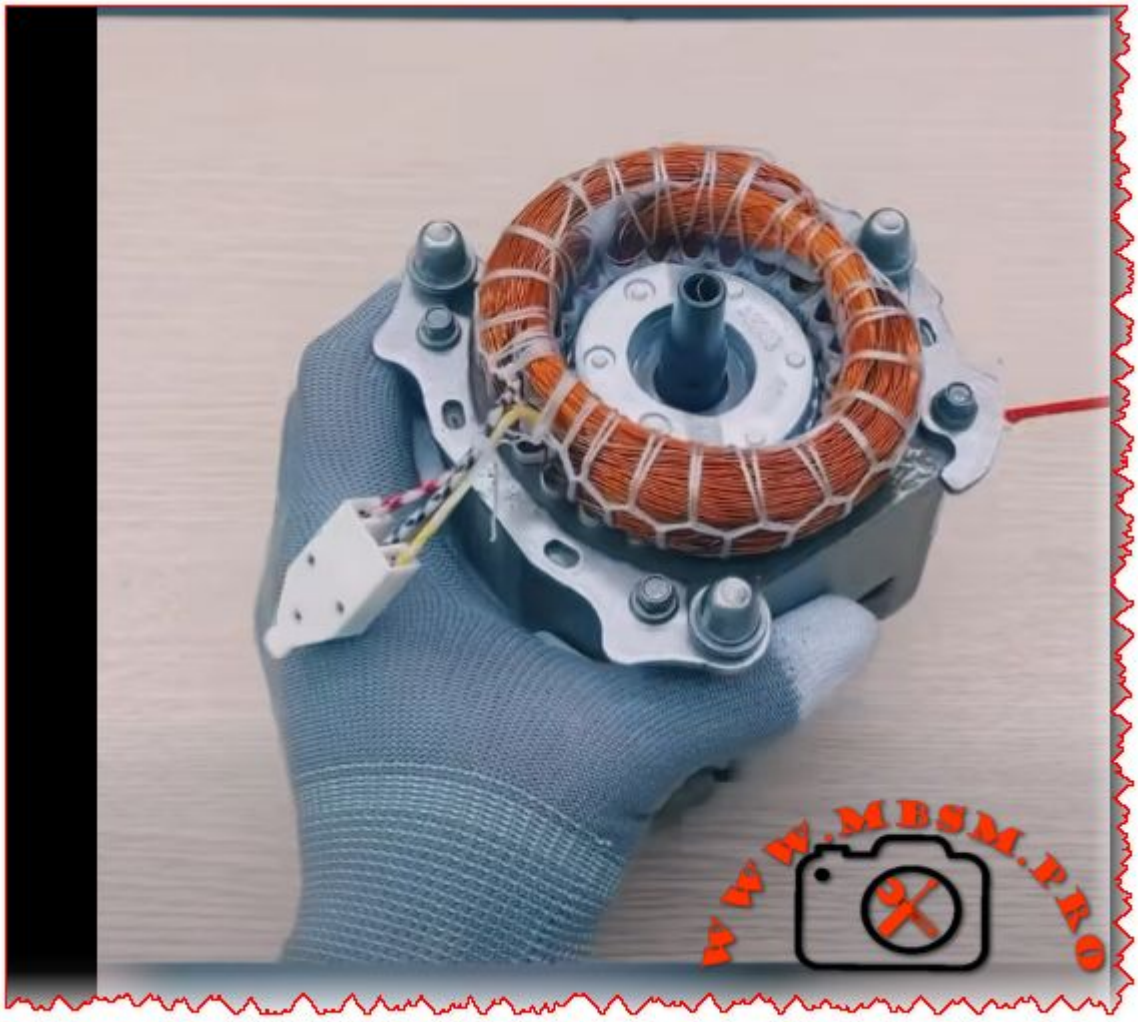
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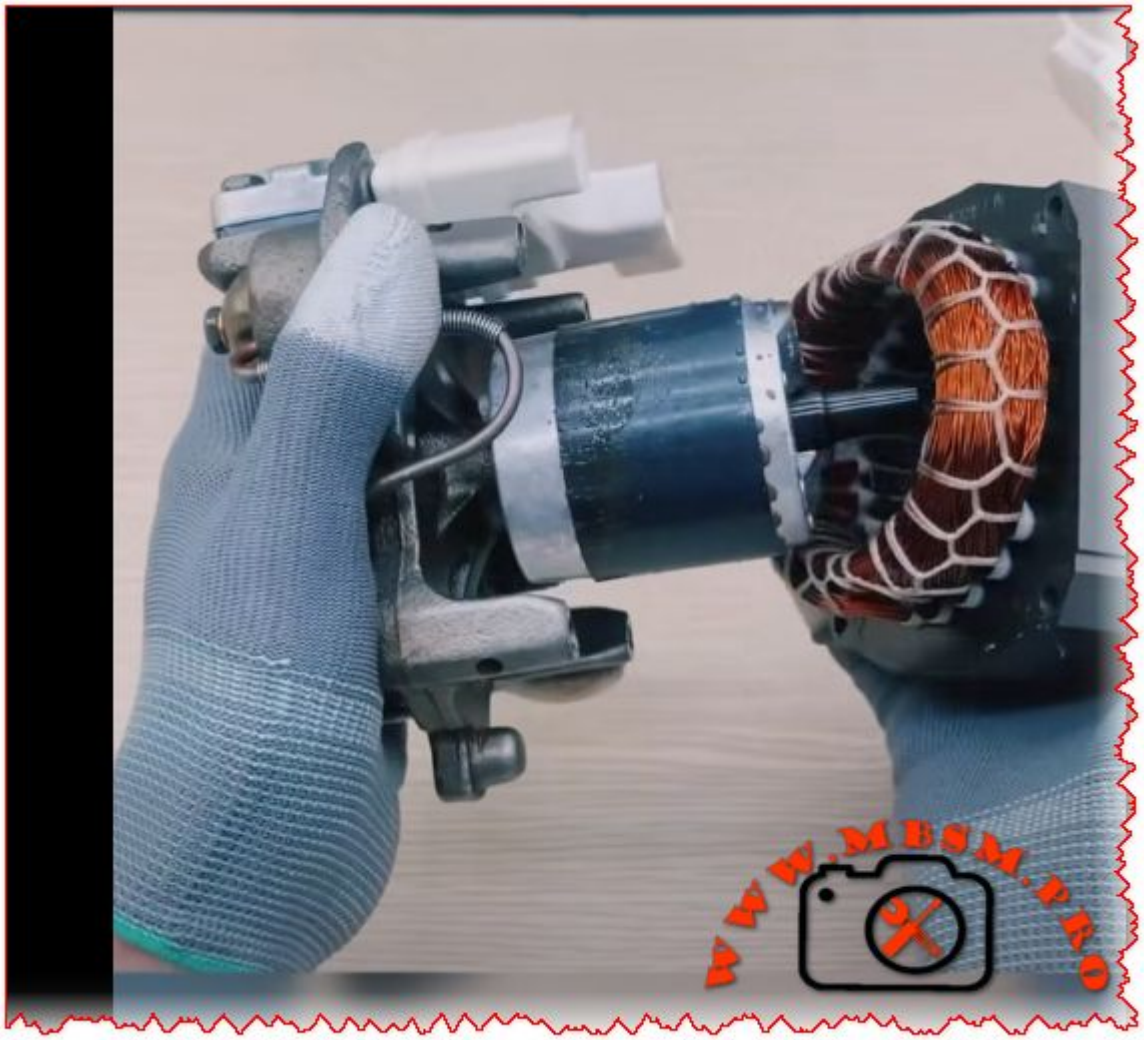
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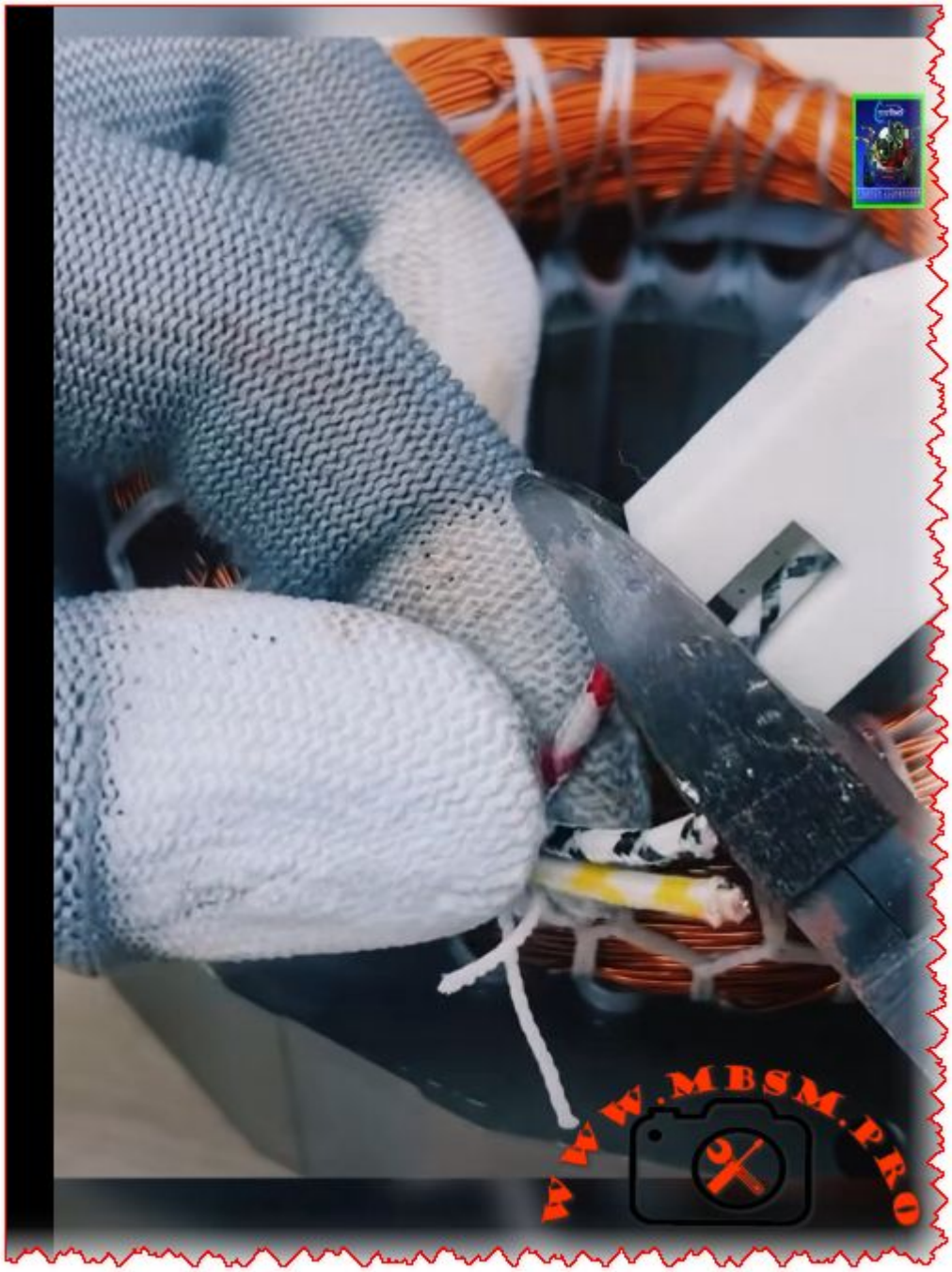
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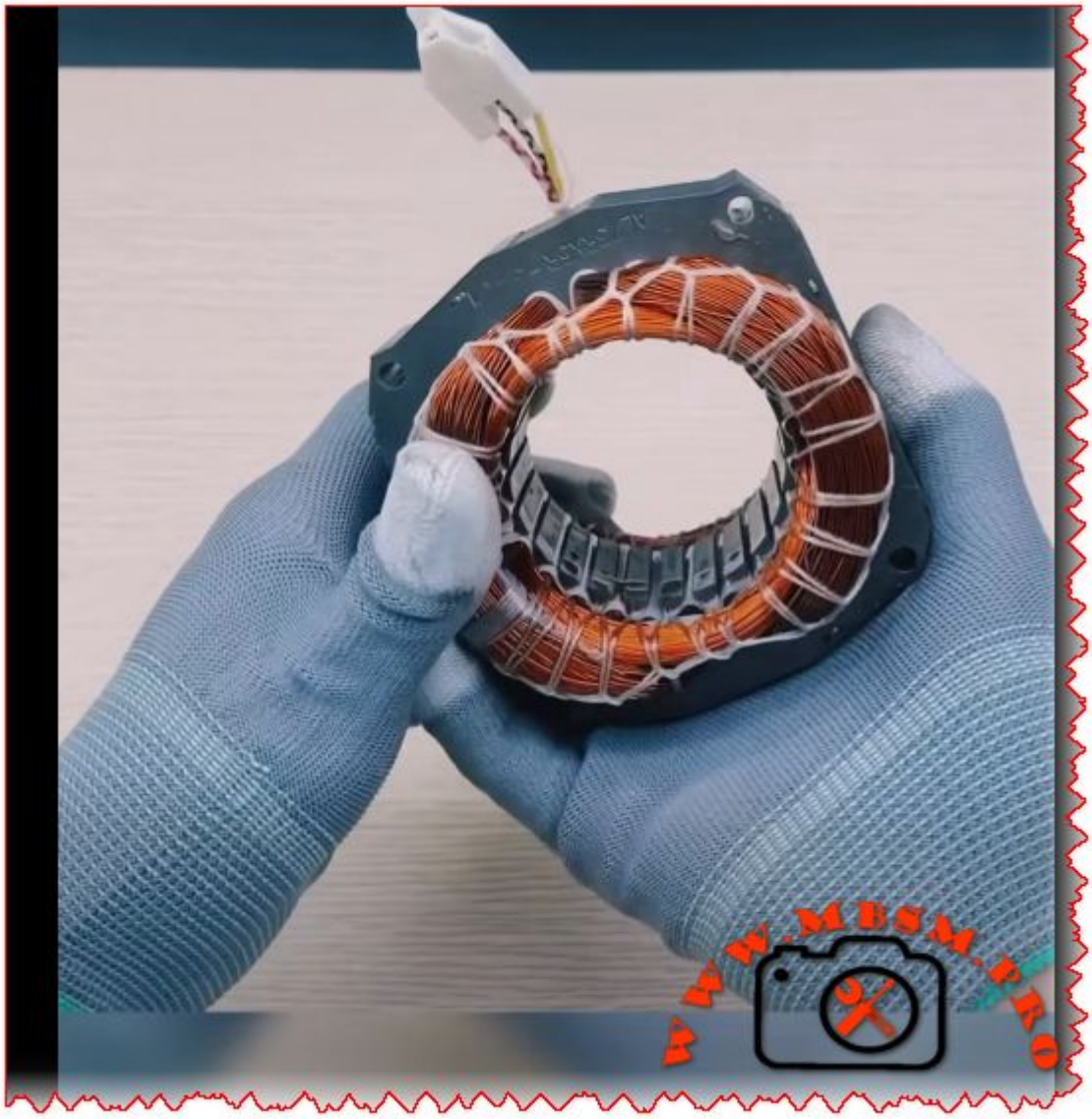
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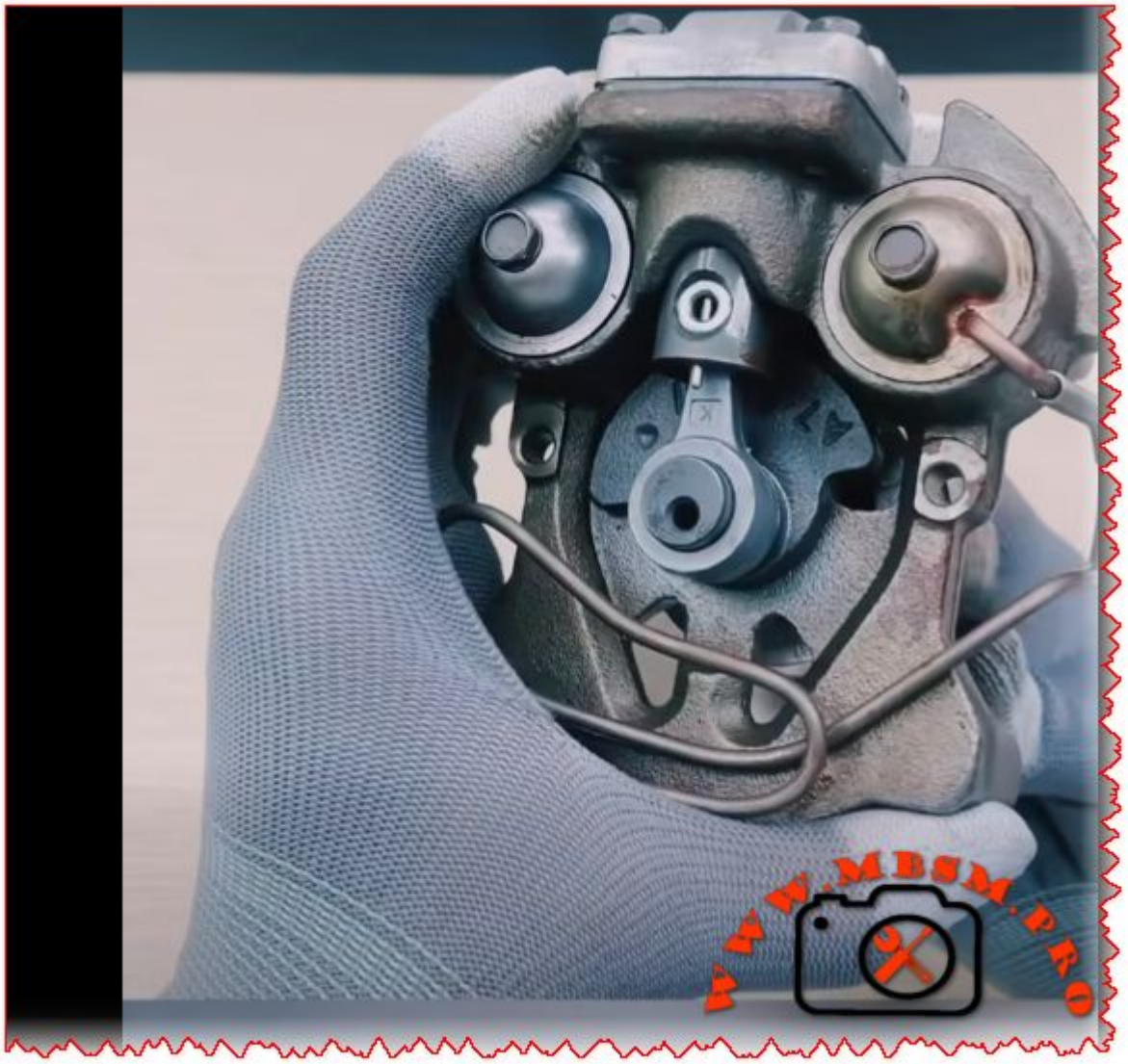
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Caractéristiques du produit

Type	Piston	Type De gaz	Air
Source d'énergie	AC PUISSANCE	Modèle de lubrification	Lubrifié
Méthode de refroidissement	Refroidi par air	Configuration	Stationnaire
Tension	115V/60Hz	Machines Rapport D'essai	Fourni
Vidéo sortant d'inspection	Non disponible	Muet	OUI
Garantie	1 AN	Composants de base	Moteur
Poids (KG)	6.5	Point d'origine	Singapore
Marque nom	woma	Dimension (L*W*H)	30*18*20
Condition	Nouveau	Service après-vente fourni	Pièces détachées gratuites
Poids	9	Certification	CCC
Réfrigérant	R134a (en)	Tension	115V/60Hz
Puissance en chevaux	1/5HP		

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