



S E R V I C E

NEW PRODUCTS

VISCO® FAN AND CLUTCH PRODUCTS
FOR PASSENGER CARS

Behr Hella Service has expanded its range of OE quality fan and clutch products by almost 50 products since 2011 to just over 100 products. Behr Hella Service provides you with a comprehensive Visco® range as the exclusive sales partner for BEHR thermal management products to the independent passenger car and commercial vehicle aftermarket. Profit from these advantages.

Visco® fan and clutch technology with tradition

A high-performance engine cooling system should be quiet, light and space-saving – hardly noticeable, but reliable. Not only do you need powerful radiators to dissipate heat in commercial vehicle and powerful passenger car engines, but efficient fans and fan drives to provide cooling air as well. BEHR, owner of the Visco® brand, has had exceptionally powerful Visco® fans in series production for commercial vehicles since 1963. Series production of Visco® clutches for passenger cars began in 1965.

Technical Information

Powerful Visco® fans consist of a fan wheel and a Visco® clutch. They are used in longitudinally-mounted engines. They are fitted in front of the radiator (direction of travel) and are driven by a V-belt or directly by the engine. A bimetallic or an electronic component controls the fan, depending on the ambient temperature.

The purpose of the Visco® clutch is to provide traction to the fan wheel and to influence its speed. If no cooling air is required, the Visco® clutch switches off and continues to run at a lower speed. The Visco® clutch is triggered by a bimetallic element that is exposed to the ambient temperature. A pressure pin releases a hole and silicone oil flows from the supply tank to the

working chamber. The drive torque is transferred to the fan; the continuously variable speed of the fan is set automatically on the basis of the operating conditions by means of wear-free fluid friction.

The electrically triggered Visco® clutch, on the other hand (see figure), is controlled directly by sensors. A regulator processes the values and a pulsed control current carries these to the integrated electromagnet. The defined guided magnetic field regulates the valve which controls the internal oil flow via an armature. An additional sensor for fan speed completes the regulator circuit. This increases the sensitivity with which the fan is turned on and off. Controlling the cool air flows as needed while minimising the development of noise and the load reduces the fuel consumption and the impact on the environment.



Figure:
Cutaway model of the electronically triggered
Visco® clutch

PART NUMBER	DESCRIPTION	MANUFACTURER	MODEL	OE NUMBERS*
8MV 376 734-021	Visco® Clutch	CHEVROLET	TRAIL BLAZER	25790869 15293048 15192191
8MV 376 758-581	Fan clutch	DAIHATSU	FEROZA (F300)	1621087101000
8MV 376 758-601	Fan clutch	DAIHATSU	FEROZA (F300)	1621087103000
8MV 376 758-591	Fan clutch	DAIHATSU	TERIOS (J1)	1621087106000 1621087106
8MV 376 757-591	Fan clutch	FORD	TRANSIT	79GB8A616A1C 6080770
8MV 376 757-601	Fan clutch	FORD	TRANSIT	92VB8A616BA 6707917
8MV 376 757-611	Fan clutch	FORD	TRANSIT	1063042
8MV 376 757-621	Fan clutch	FORD	TRANSIT	6176701
8MV 376 757-711	Fan clutch	FORD	TRANSIT	4406277 2C118C617BA
8MV 376 757-641	Fan clutch	LAND ROVER	DEFENDER	ERR2266
8MV 376 757-651	Fan clutch	LAND ROVER	DEFENDER	ETC7238
8MV 376 758-241	Visco® Fans	LAND ROVER	DISCOVERY	LR023392 LR013695 AH328C617AC
8MV 376 758-291	Visco® Fans	LAND ROVER	T5	LR022732 BH428C617AB
8MV 376 758-721	Fan clutch	LEXUS	GS 2JZ	1621046030
8MV 376 757-691	Fan clutch	MERCEDES-BENZ	CLK (C208)	A1122000122 1122000122
8MV 376 732-481	Visco® Clutch	MERCEDES-BENZ	TRANSPORTER T1/T2	A6022000122 6022000122
8MV 376 758-431	Fan clutch	MERCEDES-BENZ	SPRINTER	A0002005922 0002005922
8MV 376 758-441	Fan clutch	MERCEDES-BENZ	SPRINTER	A0002005822 0002005822
8MV 376 758-611	Fan clutch	MITSUBISHI	L300	MD108270
8MV 376 758-261	Visco® Fans	RENAULT OPEL	MASTER III MOVANO	8200660117 93168832 4421065
8MV 376 791-091	Fan clutch	TOYOTA	4 RUNNER	1621050101
8MV 376 758-641	Fan clutch	TOYOTA	CAMRY/4 RUNNER	1621065020
8MV 376 791-011	Fan clutch	TOYOTA	CRESSIDA 1G	1621070022
8MV 376 791-031	Fan clutch	TOYOTA	HIACE	1621072010
8MV 376 758-661	Fan clutch	TOYOTA	HIACE	1621054180
8MV 376 758-791	Fan clutch	TOYOTA	HIACE III 1RZ	1621075020
8MV 376 758-691	Fan clutch	TOYOTA	HIACE IV KASTEN	1621054210
8MV 376 791-061	Fan clutch	TOYOTA	HILUX 5LE	1621054230
8MV 376 758-631	Fan clutch	TOYOTA	HILUX II (_N_)	1621054220
8MV 376 758-651	Fan clutch	TOYOTA	HILUX II (_N_)	1621067030
8MV 376 758-741	Fan clutch	TOYOTA	HILUX II (_N_)	1621054141
8MV 376 758-621	Fan clutch	TOYOTA	LAND CRUISER (2UZ)	1621050072
8MV 376 758-701	Fan clutch	TOYOTA	LAND CRUISER (J10)	1621050051
8MV 376 791-071	Fan clutch	TOYOTA	LAND CRUISER (J12)	1621030010
8MV 376 791-081	Fan clutch	TOYOTA	LAND CRUISER (J12)	1621031020
8MV 376 758-671	Fan clutch	TOYOTA	LAND CRUISER (J7)	1621017021
8MV 376 758-771	Fan clutch	TOYOTA	LAND CRUISER (J7)	1621067010
8MV 376 791-001	Fan clutch	TOYOTA	LAND CRUISER 22R	1621035020
8MV 376 791-051	Fan clutch	TOYOTA	LAND CRUISER 22R	1621035011
8MV 376 791-041	Fan clutch	TOYOTA	LAND CRUISER 3B	1621058041
8MV 376 758-761	Fan clutch	TOYOTA	LAND CRUISER	1621017040 1621017010
8MV 376 758-781	Fan clutch	TOYOTA	LAND CRUISER 100	1621017050
8MV 376 758-751	Fan clutch	TOYOTA	LAND CRUISER 2L-T	1621054200
8MV 376 758-711	Fan clutch	TOYOTA	PREVIA 2TZ	1621076010
8MV 376 791-021	Fan clutch	TOYOTA	TOWN ACE	1621064020
8MV 376 791-121	Fan clutch	VOLVO	740 (744)	1357433
8MV 376 791-111	Fan clutch	VOLVO	940 II KOMBI (945)	1306259

For further distinction, please observe OE numbers*, information from Behr Hella Service catalogues, TecDoc and manufacturers' specifications.

This list does not claim to be complete or correct.

* for comparative purposes only

A close-up photograph of a car's front grille and headlight assembly. The grille is made of chrome with a prominent horizontal slat design. The headlight is partially visible on the right side. The background is a soft, out-of-focus light blue.

BEHR HELLA SERVICE GmbH

Dr.-Manfred-Behr-Straße 1
74523 Schwäbisch Hall, Germany
Tel.: 0180-5-25 50 44
Fax: 0 79 07-94 46-3 73 79
www.behrhellaservice.com