

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://toyooki.nt-rt.ru> || tik@nt-rt.ru

FLOW CONTROL VALVE (HF)

FLOW CONTROL VALVE (HF) (WITH PRESSURE AND TEMPERATURE COMPENSATION) SIZE 02



This valve controls flow by changing the cross-sectional area through which fluid flows. Since it incorporates pressure compensation mechanism and temperature compensation mechanism, the flow is kept constant regardless of the pressure variation at the IN and/or OUT port and the viscosity variation due to temperature change.

Therefore, this valve is especially appropriate for accurate speed control.

- To achieve good pressure compensation performance, the pressure difference between the IN and OUT ports must be maintained at 0.6 MPa or larger.
- The flow is controlled almost in direct proportion to the division on the flow adjusting dial, and since the dial can be rotated three turns, fine flow adjustment is possible.
- If subplate SHF02-03T1 is necessary, please order one separately.
- When the valve is provided with a check valve, the check valve cracking pressure is 0.04 MPa.
- Option
Anti-jumping mechanism ... This option restricts jumping or pop-out of the actuator at the start of movement. Please specify "-301" at the end of the model designation.

Description of the model designation

HF2-KG2(K)-02-(301)

Flow control valve —
Max. operating pressure —
2: 14 MPa
3: 21 MPa
With pressure and temperature compensation —
Piping method —
G: Gasket

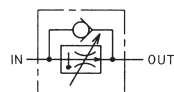
With/without anti-jumping mechanism
No code: Without the mechanism
301: With the mechanism
Nominal size of valve
With/without check valve
No code: Without check valve
K: With check valve
Flow adjustment range

Without check valve



Nominal size	Max. operating pressure (MPa)	Flow adjustment range (L/min)	Model
02	14	0.1 to 2	HF2-KG 2-02
		0.5 to 16	HF2-KG16-02
		0.5 to 30	HF2-KG30-02
	21	0.1 to 2	HF3-KG 2-02
		0.5 to 16	HF3-KG16-02
		0.5 to 30	HF3-KG30-02

With check valve



Nominal size	Max. operating pressure (MPa)	Flow adjustment range (L/min)	Model	Free flow (L/min)
02	14	0.1 to 2	HF2-KG 2K-02	30
		0.5 to 16	HF2-KG16K-02	
		0.5 to 30	HF2-KG30K-02	
	21	0.1 to 2	HF3-KG 2K-02	
		0.5 to 16	HF3-KG16K-02	
		0.5 to 30	HF3-KG30K-02	

FLOW CONTROL VALVES