

Part number:

HYDROMA
HYDRAULICKÉ SYSTÉMY

HIDROMA
SYSTEMS
UKŁADY HYDRAULICZNE

HYDROMA
ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

RC REMOTE CONTROL RANGE | 2021

RCF FOOT PEDAL LOWER PORTS

RCF foot pedal belongs to the wide range of hydraulic remote controls. This Pedal is characterized by reduced overall dimensions and several configurations. RCF works according to the principle of direct-acting pressure reducing valves. In rest position, the foot pedal is held in neutral by return spring; inlet port P is closed and ports are connected to tank port T. P, T and users ports are under the body, opposite to the pedal.



TECHNICAL SPECIFICATIONS

Max pressure: **100 bar (1450 psi)**

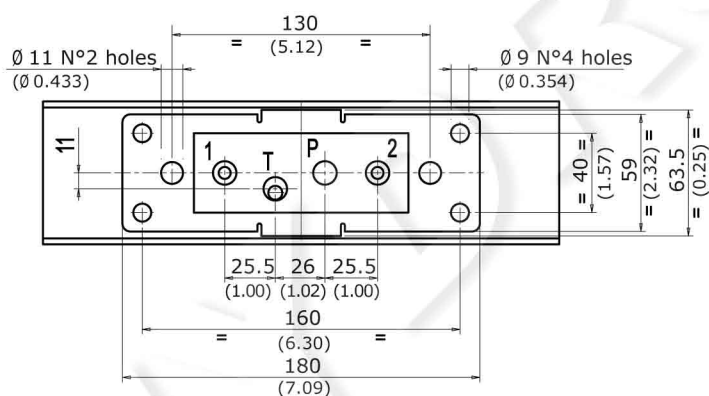
Nominal flow rating: **from 5 to 20 l/min**
(from 1.32 to 5.28 US gpm)

Weight: **4.1 Kg (9.0 lb)**

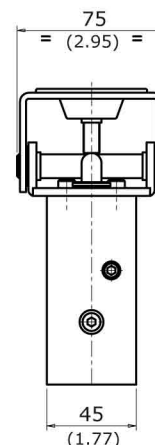
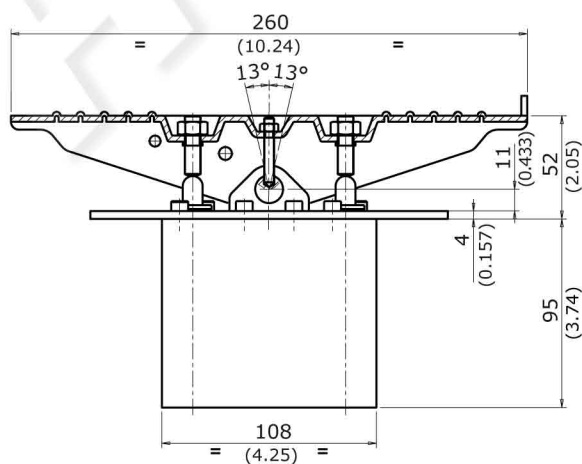
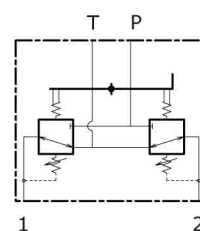
APPLICATIONS

Mini-excavators

DIMENSIONS



HYDRAULIC SCHEME

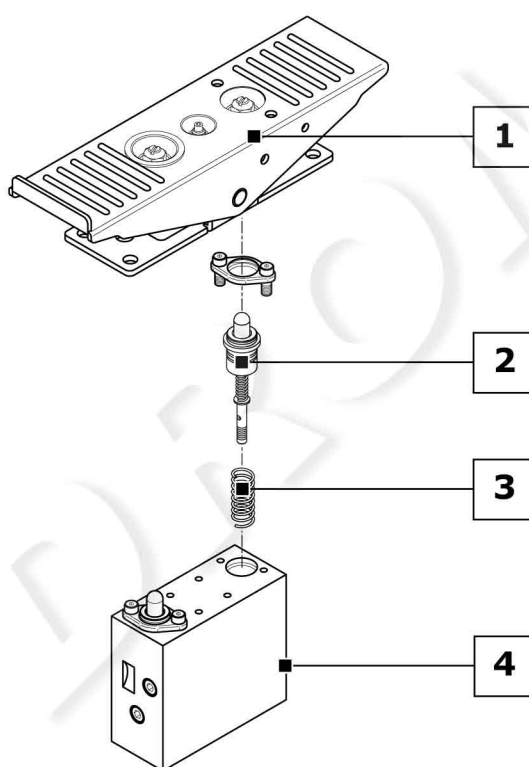


ORDER EXAMPLE = RCF-/ 01S - A01 MA - RAG02

- RCF product type
- 1 CONTROL CLASSIFICATION:**
- 01S** control type
- 2 METERING CURVE:**
- A01** curve type
- 3 RETURN SPRING:**
- MA** spring return type
- 4 BODY ARRANGEMENT:**
- RA** body specification
- G02** body thread

Ordering row 2 and 3, must be repeated for each port

complete sample: **RCF-/01S-A01MA-A01MA-RAG02**



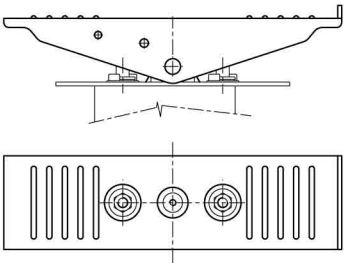
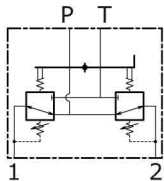
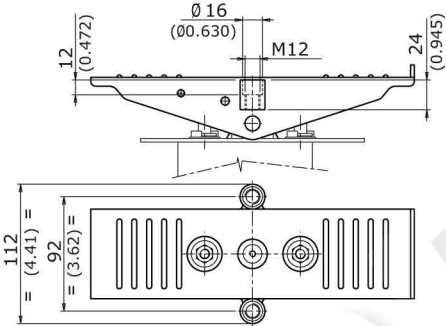
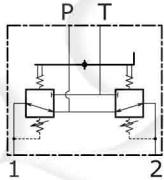
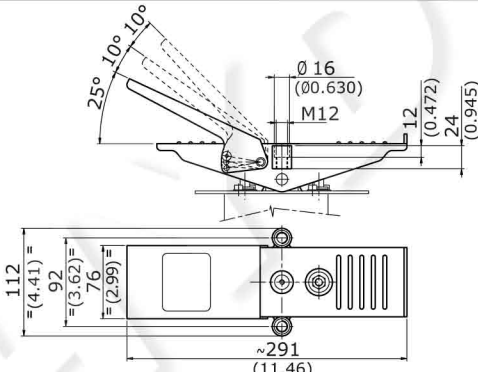
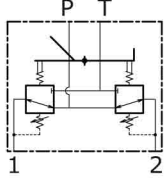
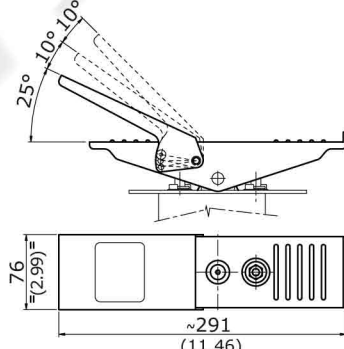
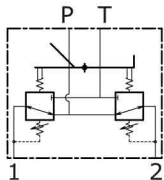
1	CONTROL CLASSIFICATION: (page 40)
01S	Foot pedal with spring return in neutral pos.
02S	Foot pedal with spring return in neutral position and handle arrangement
03S	Foot pedal with spring return in neutral pos., adjustable operation angle and handle arrangement
04S	Foot pedal with spring return in neutral position and adjustable operation angle
2	METERING CURVE: (page 70)
A01	Linear metering curve with step
B01	Linear metering curve without step
C01	Broken line metering curve with step
D01	Broken line metering curve without step

3	RETURN SPRING: (page 78)
MA	Preload 25 N (5.6 lbf) End stroke load 48 N (10.8 lbf)
MB	Preload 14 N (3.1 lbf) End stroke load 27 N (6.1 lbf)
MC	Preload 73 N (16.4 lbf) End stroke load 135 N (30.3 lbf)
MD	Preload 89 N (20.0 lbf) End stroke load 169 N (38.0 lbf)
4	BODY ARRANGEMENT: (page 41)
RAG02	Standard Body (G 1/4 ports)
RAU02	Standard Body (9/16"-18 UNF ports)

RCF FOOT PEDAL LOWER PORTS

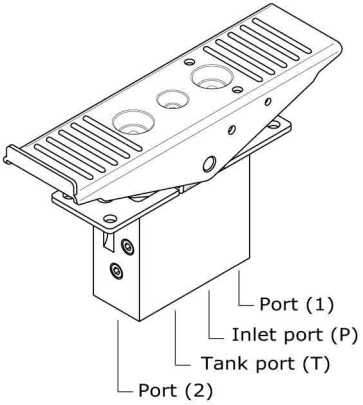
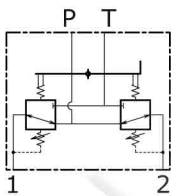
CONTROL KIT CLASSIFICATION

All controls installed on the foot pedal RCF are interchangeable. The controls shown correspond to standard configurations; for different applications contact our Sales Dept.

Code	Configuration	Schema	Description
01S			Foot pedal with spring return in neutral position
02S			Foot pedal with spring return in neutral position and handle arrangement
03S			Foot pedal with spring return in neutral position, adjustable operation angle and handle arrangement
04S			Foot pedal with spring return in neutral position and adjustable operation angle

BODY ARRANGEMENT

The foot pedal RCF has only one setting body, the only variable is represented by a different thread.

Code	Configuration	Schema	Description
RAG02			Standard body G 1/4 ports
RAU02			Standard body 9/16"-18 UNF ports