

DOSING PUMP FOR LIQUIDS

SIMDOS 02



Hydraulic data

Flow rate	Dosing volume	Suction height	Max. pressure
30 µl/min–20 ml/min	30 µl–999 ml	2 mWg	6 bar

Chemical resistance

Code	Pump head	Diaphragm	Valves	Filter ¹⁾
KT	PP	PTFE covered	FFKM Kalrez [®]	PEEK
TT	PVDF	PTFE covered	FFKM Kalrez [®]	PVDF
FT	PTFE	FFKM	FFKM Kalrez [®] *	PEEK
ST	STAINLESS STEEL	PTFE covered	FFKM Kalrez [®] *	PEEK

1) *On request FFKM Chemraz[®] material for housing and filter mesh

Functions

S Version	RC Version		RC Plus Version
Manual operation	 Manual operation Analog control: 0–5 V, 0–10 V, 0–20 mA, 4–20 mA, from 1 to 100% Start/Stop through logic control (TTL) 	 Reset/Prime through logic control (TTL) Output signal fault alarm Cable for external control included 	Same as RCPlus RS 232

Technical data

- Main supply 100–240 V / 50–60 Hz
- Ambient temperature allowed +5 to +40 °C
- Liquid temperature allowed +5 to +80 °C
- Maximum viscosity allowed 150 cSt
- Accuracy +/-2% (nominal value)
- Repeatability +/-1%

- Power consumption 10 W
- Protection class IP65
- Dimensions: 150 x 93 x 144
- Weight: 0.9 kg
- Hydraulic connection UNF 1/4"-28

ACCESSORIES

Valves kit

	ID-Nr.	
Chemraz [®] special valves for certain chemicals	164984	
special valves for certain chernicals		

Diaphragm pressure control valve with support when the feeding tank is above the pump

	ID-Nr.	
Kit JFDV 30 KTZ	166286	
Kit JFDV 30 TTZ	166287	· Late ?
Kit JFDV 30 FTZ	166288	

Filter

Тур	Material ¹⁾	Connector	ID-Nr.	/ The	E Carp
FS 60 T	PVDF	UNF 1/4"-28	165210		CAR INT
FS 60 X	PEEK	UNF 1/4"-28	323625 (1 pc)	B	2
FS 60 X	PEEK	UNF 1/4"-28	323626 (10 pcs)		
1) material for bousing and filt					

¹⁾ material for housing and filter mesh

Connection tube

	ID-Nr.	
Tube 1/16" with connector UNF 1/4"-28, 1 m for fine dosing	166335	

Mounting plate

	ID-Nr.	
for wall mounting	160473	

Standfitting

	ID-Nr.	
for retort stand	160474	. //

Footswitch

	ID-Nr.
for impulse start and stop	155872

SIMDOS[®] is a registered trademark of KNF Flodos AG. All rights reserved. DuPont[™] Kalrez[®] is a registered trademark of E. I. du Pont de Nemours and company or one of its subsidiaries. All rights reserved. Chemraz[®] is a registered trademark of Greene, Tweed & Co. All rights reserved.







A Special Valves CHEMRAZ®





Pricing on any accessories shown can be found by keying the part number into the search box on our website. The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142 Fax : 01759 301143 sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.