

# FPU DN 16 – DN 40

## Linear Motion Feedthroughs CF

### PROPERTIES

- ◆ With bellows for more demanding vacuum requirements
- ◆ Direct push and pull actuation
- ◆ High accuracy adjustment using micrometer screw



### SELECTION DATA

	DN 16 CF-R	DN 40 CF-R	DN 16 CF-R	DN 40 CF-R
Vacuum connection	DN 16 CF-R	DN 40 CF-R	DN 16 CF-R	DN 40 CF-R
Feedthrough/seal	bellow	bellow	bellow	bellow
Shaft connection	M4x16 mm	M6x10 mm, Ø10 mm	M4x16 mm	M6x10mm, Ø10 mm
Actuator	manual	manual	micrometer screw	micrometer screw
Travel	25 mm	50	20	50

### ORDERING INFORMATION

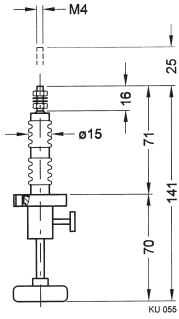
Type	FPU016-H	FPU040-H	FPU016-Z	FPU040-Z
Part No.	214-330	214-332	214-334	214-336

### SPECIFICATIONS

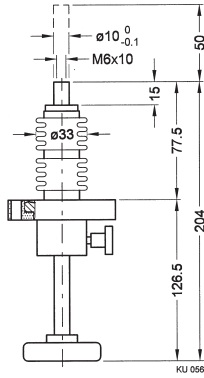
Travel per revolution	mm			0.5	1
Scale division	mm	5	10	0.01	0.005
Shaft load					
Radial force at max.	N	20	100	20	100
Axial force vacuum	N	85	140	185	440
Axial force against atm	N	100	200	200	500
Torsion torque	Nm	0.2	0.5	0.2	0.5
Tightness	mbar l/s	5 x 10 <sup>-11</sup>			
Pressure (absolute)		1 x 10 <sup>-10</sup> mbar ... 2 bar			
Bakeout temperature					
Feedthrough	°C	300	300	300	300
Micrometer screw	°C			100	100
Materials exposed to process media		stainless steel 304L/1.4301 stainless steel 316Ti/1.4571			
Weight	kg	0.15	0.75	0.25	1

## DIMENSIONS

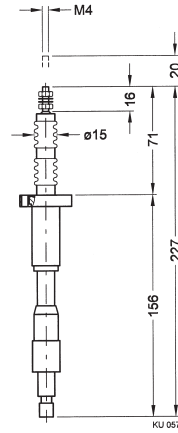
FPU016-H



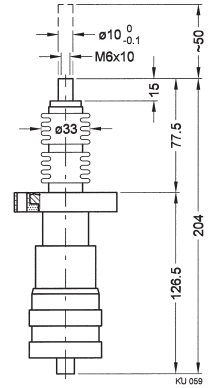
FPU040-H



FPU016-Z



FPU040-Z



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