

Manual injector valve kit 6 port, 2 position

VM06021SSPKPI0700-KIT

Including

- Manual injector valve
- Mounting screws
- 20 µL stainless steel sample loop assy for 483 bar (7,000 psi)
- 22 Ga. syringe needle
- 5/64 allen wrench
- 9/64 allen wrench
- Needle port cleaner bushing
- Fitting, 10-32, 1/4 Hex, 1/16, SS
- Ferrule

Valve features

- Rated to 483 bar (7,000 psi)
- Three alternate handle positions spaced 90 degrees apart
- Inert fluid path with low swept volume



Technical features

Type:

6 port, 2 position
manual injection valve

Pressure rating:

483 bar (7,000 psi)

Port threads:

10-32 UNF-2B

Fitting type:

Cone

Dimensions:

Height: 75.9 mm (2.990 in)
Width: 34.8 mm (1.370 in)
Depth: 34.8 mm (1.370 in)

Flow passage diameters:

0.61 mm (0.024 in)

Port to port volume:

3.2 µL

Stator port volume:

0.8 µL

Seal volume:

1.7 µL

Rotor channel volume:

0.6 µL

Weight:

0.29 kg (0.63 lbs)

Operating temperature:

+4 ... +80°C (+39 ... +176°F)

Storage temperature:

–30 ... +80°C (–22 ... +176°F)

Storage humidity:

< 95% humidity, non-condensing

Switching time:

< 0,25s

Wetted materials:

Stator: Stainless steel
Rotor: Polyimide
Seal: PEEK

Compliance:

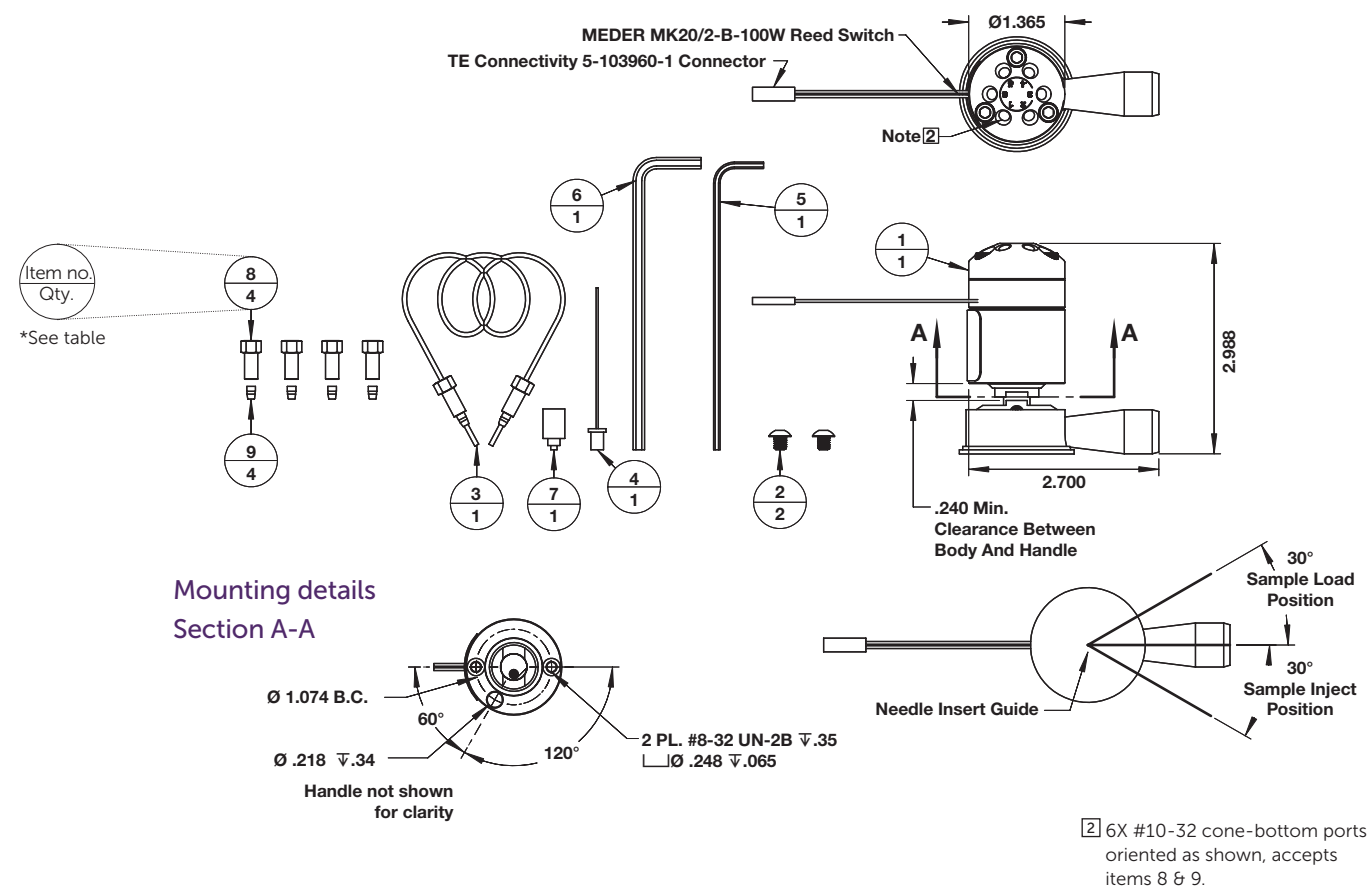
RoHS, REACH

Manual injector valve kit with accessories, VM06021SSPKPI0700-KIT

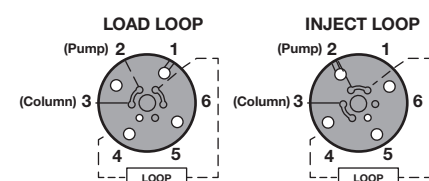
Description	Part no.	Item no.	Qty.
Manual Injector Valve	VM06021SSPKPI0700	1	1
Mounting Screws	#8-32 x 0.1875 BHS	2	2
20 µL Sample Loop Assy	AY1-00100	3	1
22 Ga. Syringe Needle	CMM-00105	4	1
5/64 Allen Wrench	CWR-00101	5	1
9/64 Allen Wrench	CWR-00102	6	1
Needle Port Cleaner Bushing	FBM-0051	7	1
Fitting, 10-32, 1/4 Hex, 1/16, SS	FBM-00050	8	4
Ferrule	FBM-00049	9	4

Dimensions

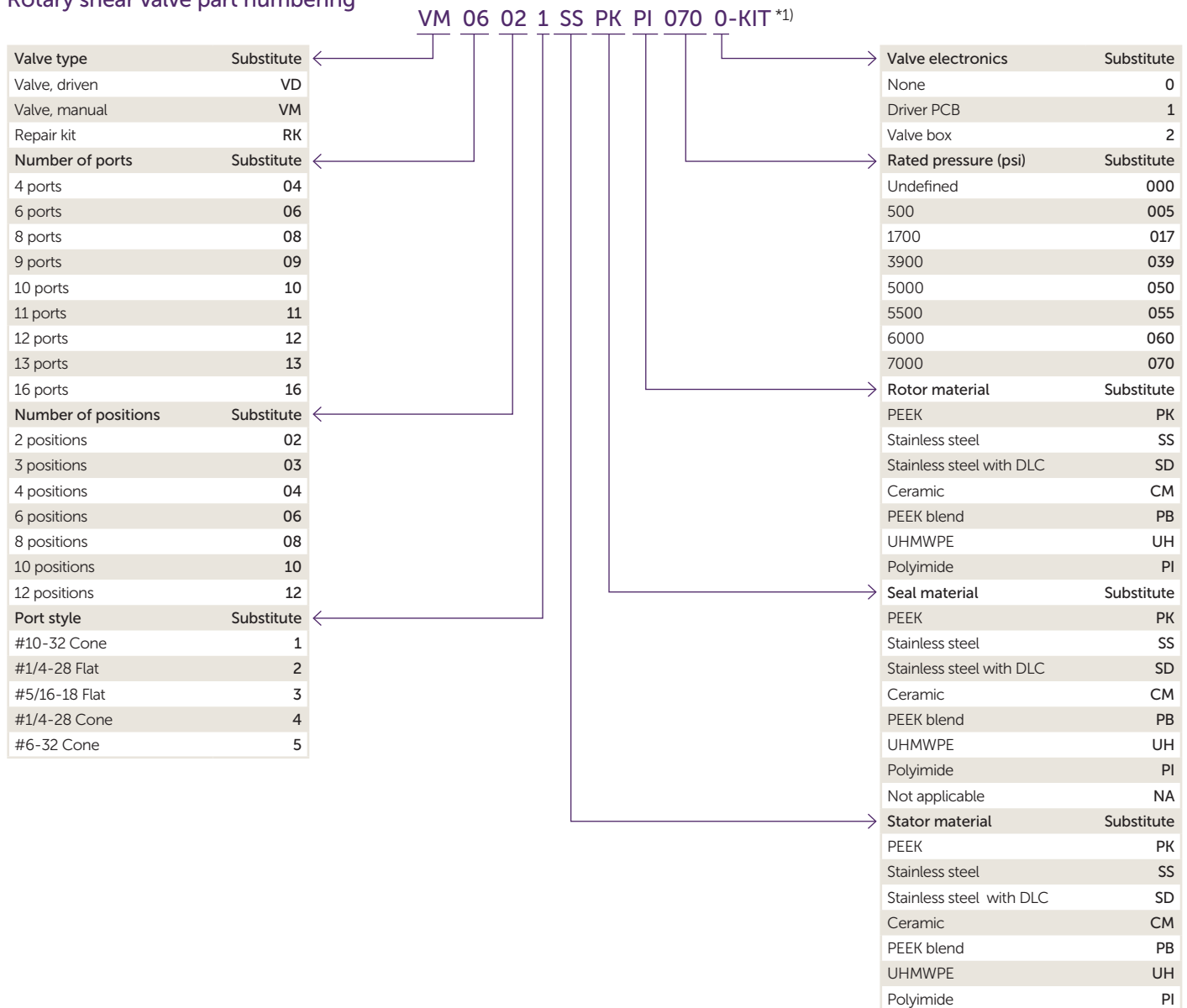
Dimensions in inches [mm]
Projection/third angle



Working cycle



Rotary shear valve part numbering



Configurations available

Type	Operating pressure (bar)	Operating pressure (psi)	Part no. *2)
6 port, 2 position manual	483	7000	VM06021SSPKPI0700
6 port, 2 position	379	5500	VD06021SSNAPI0550
4 port, 3 position	117	1700	VD04032PKPKPK0170
8 port, 4 position	269	3900	VD08042PKPKPK0390
9 port, 8 position	117	1700	VD09082PKPKPK0170
13 port, 12 position	117	1700	VD13122PKPKPK0170
4 port shuttle valve	38	550	VD04002PKNAUH0050
Available on request:			
4 port, 2 position	269	3900	VD04022PKPKPK0390
8 port, 2 position	34	500	VD08021PKPKPK0050
Coming soon:			
VALVE BOX (6/2)	483	7000	VD06021SDNAPB0702-1
6 port, 2 position	483	7000	VD06021SDNAPB0700-1
6 port, 2 position	483	7000	VD06021SDNAPB0700-2

*2) Step Master PCB available to all models.

*1) Modifier (if needed, at the end):
 "-000" (tbd)
 "-KIT" (accessories included)