

# SPRING PLUNGER



SOLVAC

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The SOLVAC spring plunger is used to compensate for differences in height on the surface of the material that is to be lifted.

The advantages being a more reliable and less precise pick up position when handling product that may be less consistent in its shape, size and position.

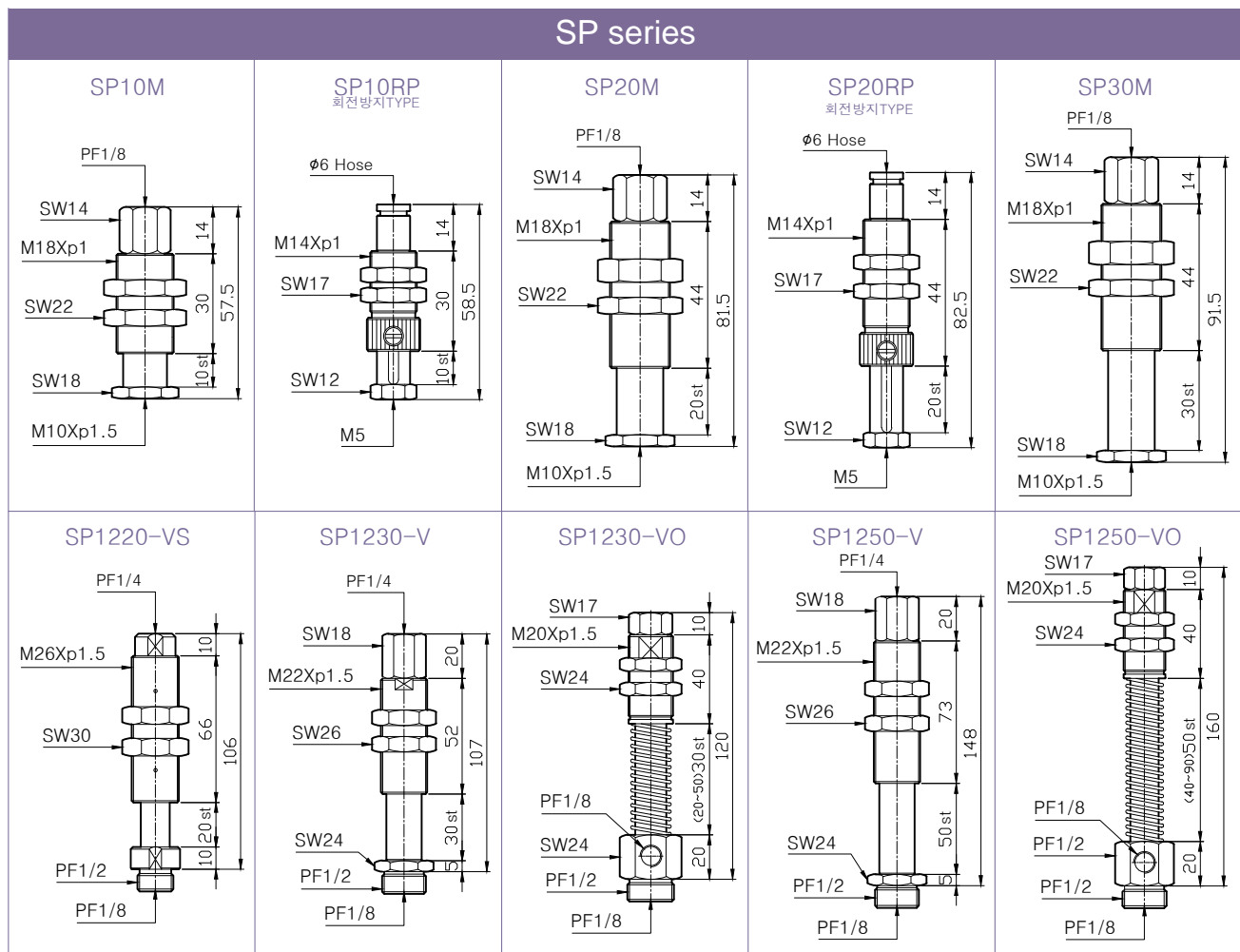
## Design data & Drawings



\*품질 향상을 위해 예고없이 사양이 변경될 수 있음.  
Specifications subject to change without notice.

## SP series technical Data

MODEL	/ Port size		Stroke (mm)
	/ Vacuum port	/ Connecting port	
SP10M	PF1/8(Female)	M10XP1.5(Female)	10
SP10RP	Ø 6 HOSE	M5(Female)	10
SP20M	PF1/8(Female)	M10XP1.5(Female)	20
SP20RP	Ø 6 HOSE	M5(Female)	20
SP30M	PF1/8(Female)	M10XP1.5(Female)	30
SP1220-VS	PF1/4(Female)	PF1/2(Male), PF1/8(Female)	20
SP1230-V	PF1/4(Female)	PF1/2(Male), PF1/8(Female)	30
SP1230-VO	PF1/8(Female)	PF1/2(Male), PF1/8(Female)	30
SP1250-V	PF1/4(Female)	PF1/2(Male), PF1/8(Female)	50
SP1250-VO	PF1/8(Female)	PF1/2(Male), PF1/8(Female)	50
SP1280-VO	PF1/8(Female)	PF1/2(Male), PF1/8(Female)	80
SP1280-VO2	PF1/8(Female)	PF1/2(Male), PF1/8(Female)	80
SP12100-VO	PF1/8(Female)	PF1/2(Male), PF1/8(Female)	100
SP12100-VO2	PF1/8(Female)	PF1/2(Male), PF1/8(Female)	100
SP1806-HM5	M5(Female)	PF1/8(Male), M5(Female)	6
SP1810RP-HM5	M5(Female)	PF1/8(Male), M5(Female)	10
SP1810-V	PF1/8(Female)	PF1/8(Male), M5(Female)	10
SP1815-HM5	M5(Female)	PF1/8(Male), M5(Female)	15
SP1820RP-HM5	M5(Female)	PF1/8(Male), M5(Female)	20
SP1820-V	PF1/8(Female)	PF1/8(Male), M5(Female)	20
SP1830-V	PF1/8(Female)	PF1/8(Male), M5(Female)	30
SP1837-VO	PF1/8(Female)	PF1/8(Male), M5(Female)	37
SP1850-HM5	M5(Female)	PF1/8(Male), M5(Female)	50
SP1850-V	PF1/8(Female)	PF1/8(Male), M5(Female)	50
SP1850-VO	PF1/8(Female)	PF1/8(Male), M5(Female)	50



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SP series

<p>SP1280-VO</p>	<p>SP1280-VO2</p>	<p>SP12100-VO</p>	<p>SP12100-VO2</p>	<p>SP1806-HM5</p>
<p>SP1810RP-HM5 회전방지TYPE</p>	<p>SP1810-V</p>	<p>SP1815-HM</p>	<p>SP1820RP-HM5 회전방지TYPE</p>	<p>SP1820-V</p>
<p>SP1830-V</p>	<p>SP1837-VO</p>	<p>SP1850-HM5</p>	<p>SP1850-V</p>	<p>SP1850-VO</p>

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SPM series technical Data

Model	Port size		Stroke (mm)
	/ Vacuum port	Pad connecting port	
SPM504-H5	M5(Female)	M5(Female)	4
SPM506-V	M5(Female)	/ Refer to drawing below	6
SPM506-V1	M5(Female)	/ Refer to drawing below	6
SPM507-V	M5(Female)	M5(Female)	7
SPM507-VR	M5(Female)	M5(Female)	7
SPM507-RN	M5(Female)	M5(Female)	7
SPM510-LVR	M5(Female)	M5(Female)	10
SPM510-V(VR)	M5(Female)	M5(Female)	10
SPM510-V2	M5(Female)	M5(Female)	10
SPM515-V	M5(Female)	M5(Female)	15
SPM515-LV	M5(Female)	M5(Female)	15
SPM520-M	M5(Female)	M5(Female)	20
SPM520-F	M5(Female)	M5(Female)	20
SPM520-V	M5(Female)	M5(Female)	20
SPM520-V2	M5(Female)	M5(Female)	20
SPM520-HIN	M5(Female)	M5(Female)	15
SPM530-M	M5(Female)	M5(Female)	30
SPM530-F	M5(Female)	M5(Female)	30
SPM540-V	M5(Female)	M5(Female)	40
SPM550-VO	M5(Female)	M5(Female)	50

SPM series				
<p>SPM504-H5</p>	<p>SPM506-V</p>	<p>SPM506-V1</p>	<p>SPM507-V</p>	<p>SPM507-VR 회전방지TYPE</p>
	<p>가 / Pad available MB6,8,10,15/MBL8, MF15/MU2,6,4,8,15</p>	<p>가 / Pad available MB2.8,3.5,5/MBL3.5, MU1.8,8A,10A</p>		

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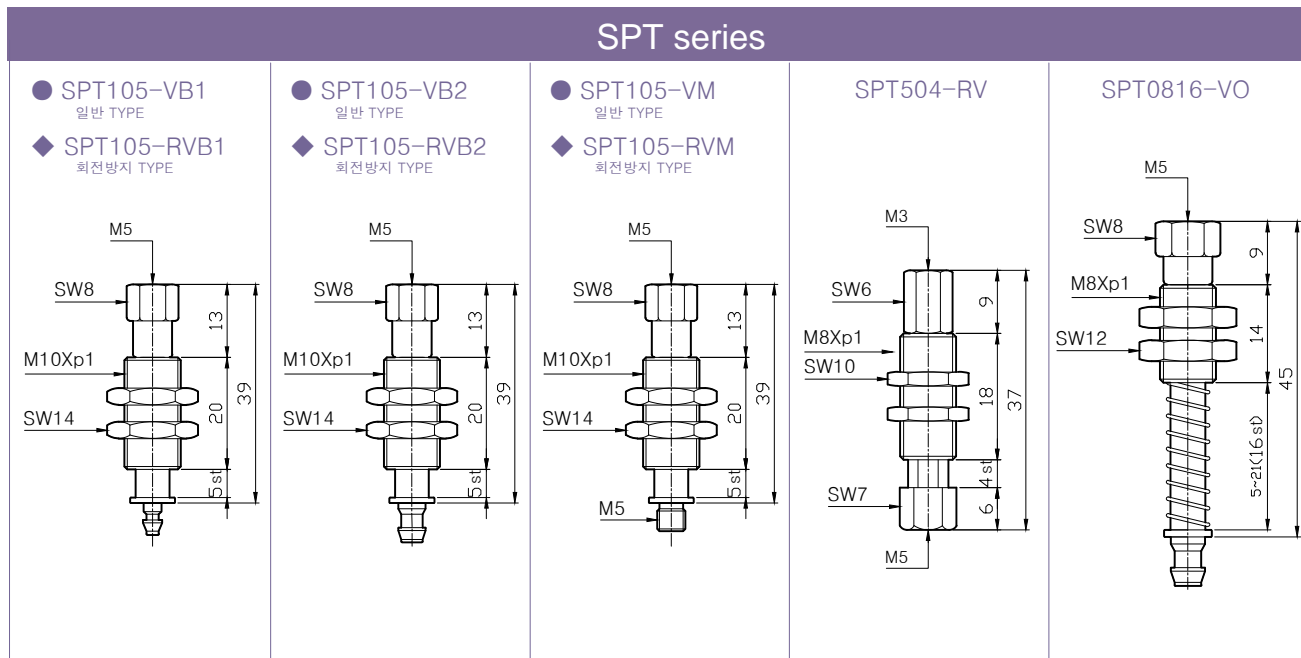
## SPM series technical Data

SPM series				
<p>SPM507-RN 회전방지TYPE</p>	<p>SPM510-LVR 회전방지TYPE</p>	<p>● SPM510-V 일반 TYPE</p> <p>◆ SPM510-VR 회전방지 TYPE</p>	<p>SPM510-V2</p>	<p>SPM515-V</p>
<p>SPM515-LV</p>	<p>SPM520-M</p>	<p>SPM520-F</p>	<p>SPM520-V</p>	<p>SPM520-V2</p>
<p>SPM520-HIN</p>	<p>SPM530-M</p>	<p>SPM530-F</p>	<p>SPM540-V</p>	<p>SPM550-VO</p>

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SPT series technical Data

MODEL	Port size		Stroke (mm)
	/ Vacuum port	/ 가 Pad connecting port / Pad apply	
SPT105-VB1(RVB1)	M5(Female)	MB2.8,3.5,5/MBL3.5/MU1.8,8A,10A	5
SPT105-VB2(RVB2)	M5(Female)	MB6,8,10,15/MBL8/MF15/MU2,4,6,8,15	5
SPT105-VM(RVM)	M5(Female)	M5(Male)	5
SPT504-RV	M5(Female)	M5(Female)	4
SPT0816-VO	M5(Female)	MB6,8,10,15/MBL8/MF15/MU2,4,6,8,15	16
SPT0810-VB1(RVB1)	M5(Female)	MB2.8,3.5,5/MBL3.5/MU1.8,8A,10A	10
SPT0810-VB2(RVB2)	M5(Female)	MB6,8,10,15/MBL8/MF15/MU2,4,6,8,15	10
SPT0810-VM(RVM)	M5(Female)	M5(Male)	10
SPT0820-VB1	M5(Female)	MB2.8,3.5,5/MBL3.5/MU1.8,8A,10A	20
SPT0820-VB2	M5(Female)	MB6,8,10,15/MBL8/MF15/MU2,4,6,8,15	20
SPT0820-VM	M5(Female)	M5(Male)	20
SPT1010-VB1(RVB1)	M5(Female)	MB2.8,3.5,5/MBL3.5/MU1.8,8A,10A	10
SPT1010-VB2(RVB2)	M5(Female)	MB6,8,10,15/MBL8/MF15/MU2,4,6,8,15	10
SPT1010-VM(RVM)	M5(Female)	M5(Male)	10
SPT1020-VB1(RVB1)	M5(Female)	MB2.8,3.5,5/MBL3.5/MU1.8,8A,10A	20
SPT1020-VB2(RVB2)	M5(Female)	MB6,8,10,15/MBL8/MF15/MU2,4,6,8,15	20
SPT1020-VM(RVM)	M5(Female)	M5(Female)	30



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## SPT series technical Data

SPT series				
<ul style="list-style-type: none"> <li>● SPT0810-VB1 일반 TYPE</li> <li>◆ SPT0810-RVB1 회전방지 TYPE</li> </ul>	<ul style="list-style-type: none"> <li>● SPT0810-VB2 일반 TYPE</li> <li>◆ SPT0810-RVB2 회전방지 TYPE</li> </ul>	<ul style="list-style-type: none"> <li>● SPT0810-VM 일반 TYPE</li> <li>◆ SPT0810-RVM 회전방지 TYPE</li> </ul>	<ul style="list-style-type: none"> <li>● SPT0820-VB1 일반 TYPE</li> <li>◆ SPT0820-RVB1 회전방지 TYPE</li> </ul>	<ul style="list-style-type: none"> <li>● SPT0820-VB2 일반 TYPE</li> <li>◆ SPT0820-RVB2 회전방지 TYPE</li> </ul>
<ul style="list-style-type: none"> <li>● SPT0820-VM 일반 TYPE</li> <li>◆ SPT0820-RVM 회전방지 TYPE</li> </ul>	<ul style="list-style-type: none"> <li>● SPT1010-VB1 일반 TYPE</li> <li>◆ SPT1010-RVB1 회전방지 TYPE</li> </ul>	<ul style="list-style-type: none"> <li>● SPT1010-VB2 일반 TYPE</li> <li>◆ SPT1010-RVB2 회전방지 TYPE</li> </ul>	<ul style="list-style-type: none"> <li>● SPT1010-VM 일반 TYPE</li> <li>◆ SPT1010-RVM 회전방지 TYPE</li> </ul>	<ul style="list-style-type: none"> <li>● SPT1020-VB1 일반 TYPE</li> <li>◆ SPT1020-RVB1 회전방지 TYPE</li> </ul>
<ul style="list-style-type: none"> <li>● SPT1020-VB2 일반 TYPE</li> <li>◆ SPT1020-RVB2 회전방지 TYPE</li> </ul>	<ul style="list-style-type: none"> <li>● SPT1020-VM 일반 TYPE</li> <li>◆ SPT1020-RVM 회전방지 TYPE</li> </ul>			

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