



## Suction Plates ESP

► For the direct coupling to the operating valve unit or the hose cylinder extension.

Consists of:

► One or more suction plates with attached foam rubber seal, including lifter for tactile steering.

Type	Dimension		Working Load Limit WLL kg** (lbs)***	Order-Number
	mm	(in)		
ESP-35-20/20	200 x 200	(7 <sup>3</sup> / <sub>4</sub> " x 7 <sup>3</sup> / <sub>4</sub> "	35*** (75)***	4210.0050
ESP-50-23/23	230 x 230	(9" x 9")	50*** (110)***	4210.0561
ESP-85-25,5/25,5	255 x 255	(10" x 10")	85*** (185)***	4210.0051
ESP-150-31/31	310 x 310	(12 <sup>1</sup> / <sub>4</sub> " x 12 <sup>1</sup> / <sub>4</sub> "	150*** (330)***	4210.0145
ESP-150-40/27,5	400 x 275	(15 <sup>3</sup> / <sub>4</sub> " x 10 <sup>3</sup> / <sub>4</sub> "	150*** (330)***	4210.0116
ESP-150-50/19	500 x 190	(19 <sup>3</sup> / <sub>4</sub> " x 7 <sup>1</sup> / <sub>2</sub> "	150*** (330)***	5230.0019
ESP-150-92,4/13,4	924 x 134	(36 <sup>1</sup> / <sub>2</sub> " x 5 <sup>1</sup> / <sub>4</sub> "	150*** (330)***	5230.0008
ESP-150-100/12,4	1000 x 124	(39 <sup>1</sup> / <sub>2</sub> " x 5")	150*** (330)***	5230.0007
ESP-200-33/33	330 x 330	(13" x 13")	200*** (440)***	4210.0331
ESP-250-40/40	400 x 400	(15 <sup>3</sup> / <sub>4</sub> " x 15 <sup>3</sup> / <sub>4</sub> "	250*** (550)***	4210.0054

For more suction plates contact us for professional advice, or refer to type list 13.5

## Angled Suction Plates WSP

Type	Dimension		Working Load Limit WLL kg** lbs	Order-Number
	mm	in		
WSP-150-52/15-12-98° ①	520x150-120	(20 <sup>1</sup> / <sub>2</sub> "x6"-4 <sup>3</sup> / <sub>4</sub> "	150*** (330)***	5250.0184
WSP-150-70/8-11-143°	700x80-110	(27 <sup>1</sup> / <sub>2</sub> "x3"-4 <sup>1</sup> / <sub>4</sub> "	150*** (330)***	4210.0238
WSP-150-70/11-17-143°	700x110-170	(27 <sup>1</sup> / <sub>2</sub> "x4"-6 <sup>3</sup> / <sub>4</sub> "	150*** (330)***	4210.0126
WSP-150-85/7-7-135°	850x70-70	(33 <sup>1</sup> / <sub>2</sub> "x2 <sup>3</sup> / <sub>4</sub> "-2 <sup>3</sup> / <sub>4</sub> "	150*** (330)***	5230.0018
WSP-150-70/13-10-143°	700x130-100	(27 <sup>1</sup> / <sub>2</sub> "x5"-4")	150*** (330)***	5250.0131
WSP-150-90/10-14-93° ①	900x100-140	(35 <sup>1</sup> / <sub>2</sub> "x4"-5 <sup>1</sup> / <sub>2</sub> "	150*** (330)***	5230.0033

## Multiple Suction Plates MSP

A modular design system, working with mainly standardised elements. We can therefore produce the appropriate suction plates fast and cost efficient according to customers needs.

► Exchangeable rubber seals with low wearing material, quick and easy to change and without the need for gluing.

► **MSP-X-V... (movable):** multiple suction plate with distance control. If a certain distance between stones is needed, you can fix the distance of the suction pad with a lever at a set distance e.g. 10 mm, so the stones will always have the correct spacing

► **MSP-X-S... (rigid):** multiple suction plate with fixed spacing of the suction pads.

Type ①	Dimension mm (in)	Number of suction plates	Working Load Limit WLL kg (lbs)	Order-Number
MSP-5-V-150-5 x SPS- 24/16-a-24	240 x 160 (9 <sup>1</sup> / <sub>2</sub> " x 6 <sup>1</sup> / <sub>4</sub> "	8	150*** (330)***	4210.1097
MSP-5-V-150-5 x SPS -24/16-a-25	240 x 160 (9 <sup>1</sup> / <sub>2</sub> " x 6 <sup>1</sup> / <sub>4</sub> "	5	150*** (330)***	4210.1077
MSP-5-V-150-5 x SPS -22/12-a-23,5	220 x 120 (8 <sup>1</sup> / <sub>2</sub> " x 4 <sup>3</sup> / <sub>4</sub> "	5	150*** (330)***	4210.1083
MSP-7-V-150-7 x SPS-17/16-a-16	170 x 160 (6 <sup>3</sup> / <sub>4</sub> " x 6 <sup>1</sup> / <sub>4</sub> "	7	150*** (330)***	4210.1096
MSP-7-V-150-7 x SPS-16/14-a-16	160 x 140 (6 <sup>1</sup> / <sub>4</sub> " x 5 <sup>1</sup> / <sub>2</sub> "	7	150*** (330)***	4210.1078

\*\* Caution: It is forbidden to use suction plates with a smaller working load limit than the lifting unit HE!

It is permissible to use suction plates with a higher working load limit than the lifting unit.

\*\*\* Value at 420 mbar low pressure

① Durable surface protection by galvanizing