

Large-area vacuum gripping systems FXC-HD/FMC-HD

Product specifications



Ordering data for large-area vacuum gripping systems FXC-HD/FMC-HD

Ordering guide for large-area vacuum gripping systems FXC-HD/FMC-HD

Abbreviated designation	Valve technology	Type	Length [mm]	Hole spacing
Example: FXC	SW	HD	435	18
FXC	SW...Flow resistance	HD...Heavy Duty	435	18...fine
FMC			633	36...medium

Type	Article number without filter	Article number with filter	Type	Article number without filter	Article number with filter
FXC-SW-HD 435 18	10.01.21.02637	10.01.21.02396	FMC-SW-HD 435 18	10.01.21.02656	10.01.21.02657
FXC-SW-HD 435 36	10.01.21.02638	10.01.21.02639	FMC-SW-HD 435 36	10.01.21.02658	10.01.21.02659
FXC-SW-HD 633 18	10.01.21.02640	10.01.21.02641	FMC-SW-HD 633 18	10.01.21.02660	10.01.21.02661
FXC-SW-HD 633 36	10.01.21.02642	10.01.21.02643	FMC-SW-HD 633 36	10.01.21.02662	10.01.21.02663
FXC-SW-HD 831 18	10.01.21.02644	10.01.21.02645	FMC-SW-HD 831 18	10.01.21.02664	10.01.21.02665
FXC-SW-HD 831 36	10.01.21.02646	10.01.21.02647	FMC-SW-HD 831 36	10.01.21.02666	10.01.21.02667
FXC-SW-HD 1227 18	10.01.21.02648	10.01.21.02649	FMC-SW-HD 1227 18	10.01.21.02668	10.01.21.02669
FXC-SW-HD 1227 36	10.01.21.02650	10.01.21.02651	FMC-SW-HD 1227 36	10.01.21.02670	10.01.21.02671
FXC-SW-HD 1425 18	10.01.21.02652	10.01.21.02653	FMC-SW-HD 1425 18	10.01.21.02672	10.01.21.02673
FXC-SW-HD 1425 36	10.01.21.02654	10.01.21.02655	FMC-SW-HD 1425 36	10.01.21.02674	10.01.21.02675



Ordering data for sealing plates

Type sealing plate FXC-HD/FMC-HD*	Article number without filter	Article number with filter
DI-PL 399x120 18	10.01.21.02687	10.01.21.02677
DI-PL 399x120 36	10.01.21.02688	10.01.21.02678
DI-PL 597x120 18	10.01.21.02689	10.01.21.02679
DI-PL 597x120 36	10.01.21.02690	10.01.21.02680
DI-PL 795x120 18	10.01.21.02691	10.01.21.02681
DI-PL 795x120 36	10.01.21.02692	10.01.21.02682
DI-PL 1191x120 18	10.01.21.02693	10.01.21.02683
DI-PL 1191x120 36	10.01.21.02694	10.01.21.02684
DI-PL 1389x120 18	10.01.21.02695	10.01.21.02685
DI-PL 1389x120 36	10.01.21.02696	10.01.21.02686

*Shortened sealing plate (see construction data page 19, dimension L2)

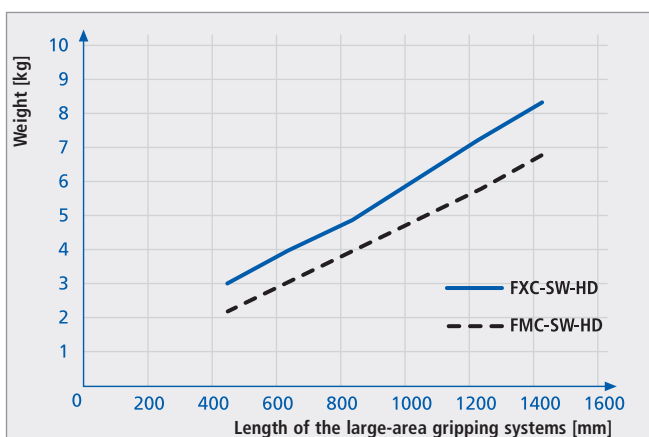


Ordering data for accessories

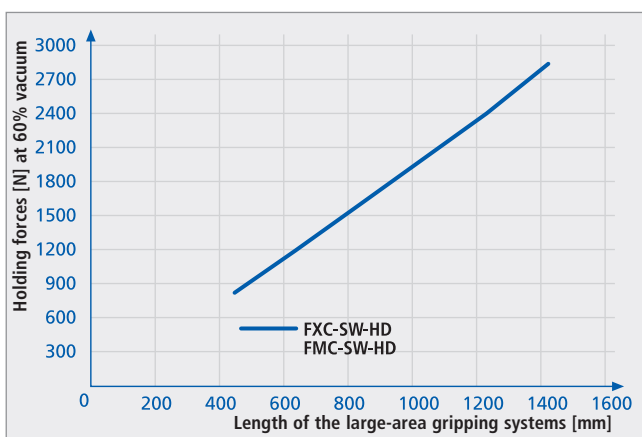
Type	Article number
Vacuum switch VS-V-D PNP	10.06.02.00343
Vacuum switch VS-V-D PNP with flange plate	10.01.10.00431
Solenoid valve kit suction on/off	10.01.21.00241
Solenoid valve kit blow-off on/off	10.01.21.02405
Solenoid valve kit suction on/off and blow-off on/off	10.01.21.00242
Attachment kit T-slot nuts	10.01.21.00243
Attachment kit robot flange	10.01.21.00244
Attachment kit spring-mounted suspension	10.01.21.02407



Technical data for large-area vacuum gripping systems FXC-HD/FMC-HD



Weight of the large-area vacuum gripping systems FXC-HD/FMC-HD

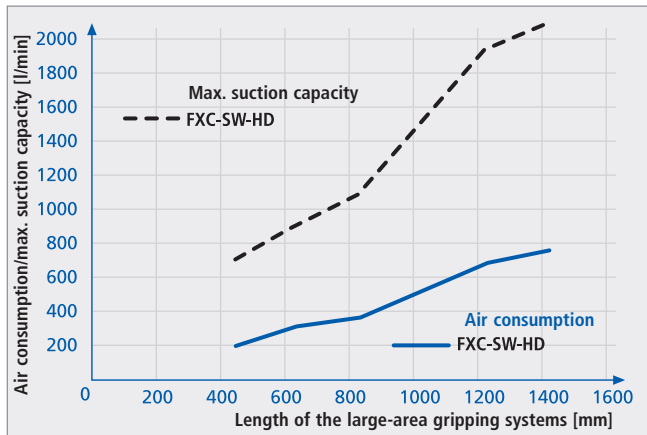


Holding forces [N] at 60% vacuum and full coverage of the large-area vacuum gripping systems FXC-HD/FMC-HD holding a rigid workpiece

Large-area vacuum gripping systems FXC-HD/FMC-HD

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Technical data for large-area vacuum gripping systems FXC-HD/FMC-HD

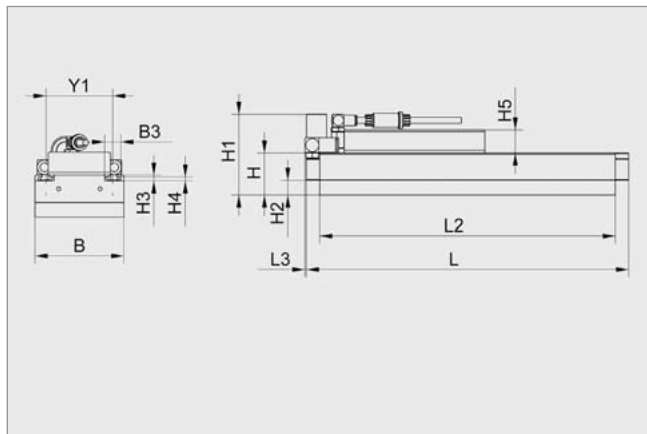


Air consumption and suction capacity of the large-area vacuum gripping system FXC-HD (FMC-HD can not be represented due to the external vacuum generator)

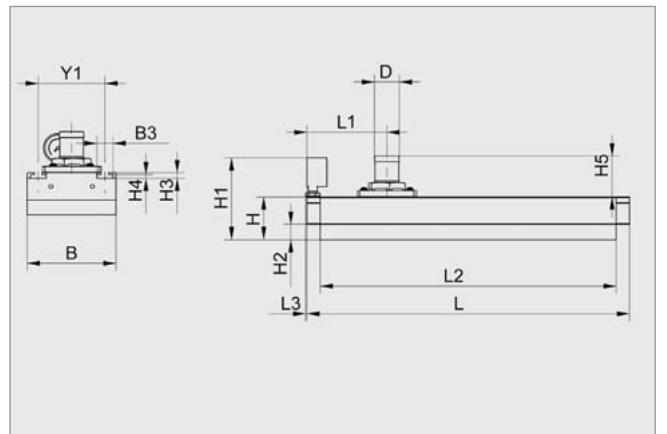
Type	Noise level [db (A)]	max. evacuation level [%]
FXC-HD	74	80
FMC-HD	-*	-*

*FMC-HD can not be represented due to the external vacuum generation

Construction data for large-area vacuum gripping systems FXC-HD/FMC-HD



FXC-HD



FMC-HD

Type	Dimensions [mm]													
	B	B3	D	H	H1	H2*	H3	H4	H5	L	L1	L2	L3	Y1
FXC-SW-HD 435 18/36	120	21	-	57	113	20	7.7	5.2	29	435.5	-	399.5	2	90
FXC-SW-HD 633 18/36	120	21	-	57	113	20	7.7	5.2	29	633.5	-	597.5	2	90
FXC-SW-HD 831 18/36	120	21	-	57	113	20	7.7	5.2	29	831.5	-	795.5	2	90
FXC-SW-HD 1227 18/36	120	21	-	57	113	20	7.7	5.2	29	1227.5	-	1191.5	2	90
FXC-SW-HD 1425 18/36	120	21	-	57	113	20	7.7	5.2	29	1425.5	-	1389.5	2	90
FMC-SW-HD 435 18/36	120	21	1 1/4"-AG	57	113	20	7.7	5.2	36	435.5	103	399.5	2	90
FMC-SW-HD 633 18/36	120	21	1 1/4"-AG	57	113	20	7.7	5.2	36	633.5	103	597.5	2	90
FMC-SW-HD 831 18/36	120	21	60	57	113	20	7.7	5.2	73	831.5	103	795.5	2	90
FMC-SW-HD 1227 18/36	120	21	60	57	113	20	7.7	5.2	73	1227.5	103	1191.5	2	90
FMC-SW-HD 1425 18/36	120	21	60	57	113	20	7.7	5.2	73	1425.5	103	1389.5	2	90

*Other foam heights and foam types on request