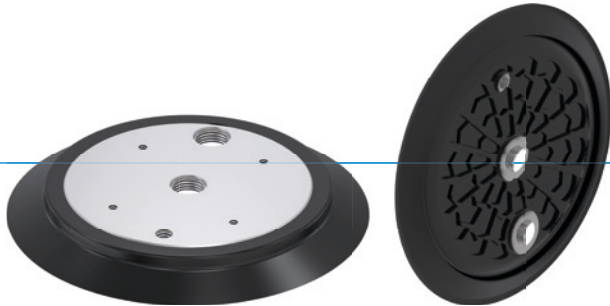


FLAT SUCTION CUP

SERIES ZLF

► PRODUCT ADVANTAGES



► Diameter: 150 mm–300 mm

► Outstanding characteristics

- For handling smooth, flat workpieces
- Profile structure on the underside of the suction cup for increased friction between the workpiece and vacuum suction cup
- Enhanced safety due to dual lip

► Application areas

- Metal
- Wood and composite materials
- Stone
- Electronics

► PRODUCT KEY

ZLF	150	-	N	-	12F
Series	Diameter		Material		Fixing thread

► MATERIAL CHARACTERISTICS

Version	Material	Color	Operating temperature [°C]	Shore hardness
N	NBR	Black	-20 ... +110	60

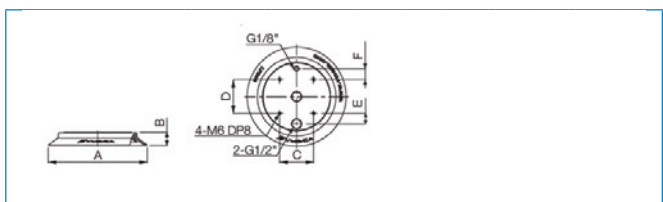
► DIMENSIONS

ZLF150



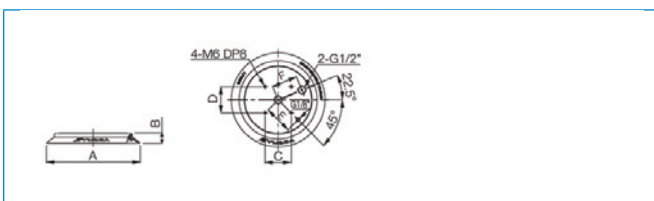
Legend	A	B	C
Dimensions [mm]	153	27	32

ZLF200



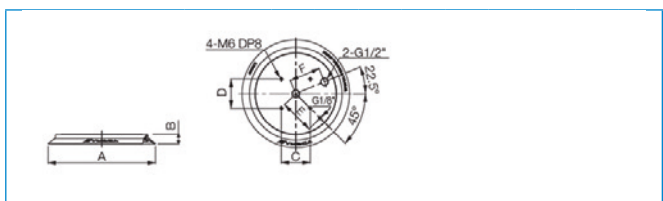
Legend	A	B	C	D	E	F
Dimensions [mm]	204	27	70	70	21	22.5

ZLF250



Legend	A	B	C	D	E	F
Dimensions [mm]	250	27	70	70	75	68.6

ZLF300



Legend	A	B	C	D	E	F
Dimensions [mm]	304	27	82	82	97.3	88

► TECHNICAL DATA

Installation size	ZLF150	ZLF200	ZLF250	ZLF300
Lifting force parallel at -20 kPa [kg]	39.000	65.000	114.000	187.000
Lifting force parallel at -60 kPa [kg]	43.000	98.000	168.000	278.000
Lifting force parallel -90 kPa [kg]	68.000	149.000	260.000	402.000
Lifting force vertical at -20 kPa [kg]	53.000	150.000	167.000	267.000
Lifting force vertical at -60 kPa [kg]	79.000	154.000	251.000	384.000
Lifting force vertical at -90 kPa [kg]	115.000	224.000	361.000	556.000
Volume [cm ³]	145.000	275.000	435.000	666.000

► Technical data

Order no.	Diameter [mm]	Material	Fixing thread
ZLF150-N-12F	150	NBR	G1/2" internal
ZLF200-N-12F	200	NBR	G1/2" internal
ZLF250-N-12F	250	NBR	G1/2" internal
ZLF300-N-12F	300	NBR	G1/2" internal