

FESTO Suction cup ESS

Characteristics

Series: ESS

Type of fastening: Via vacuum port

Nominal pressure: -0.7 bar



Material	Diameter mm	Suction cup size mm	Nominal size mm	Suction cup shape	Colour	Connection	Connection position	Operating pressure bar	Shore hardness	Article
BR	2		0.6	Round flat	Black / White dot	3mm	Top	0 / 0.95	50 +/- 5	ESS-2-SNA
BR	4		1.2	Round flat	Black / White dot	3mm	Top	0 / 0.95	50 +/- 5	ESS-4-SNA
BR	6		2	Round flat	Black / White dot	4 mm	Top	0 / 0.95	50 +/- 5	ESS-6-SNA
BR	8		2	Round flat	Black / White dot	4 mm	Top	0 / 0.95	50 +/- 5	ESS-8-SNA
BR	10		2	Round flat	Black / White dot	M 4	Top	0 / 0.95	50 +/- 5	ESS-10-SNA
BR	15		2	Round flat	Black / White dot	M 4	Top	0 / 0.95	50 +/- 5	ESS-15-SNA
BR	20		3	Round flat	Black / White dot	M 6	Top	0 / 0.95	50 +/- 5	ESS-20-SNA
BR	30		3	Round flat	Black / White dot	M 6	Top	0 / 0.95	50 +/- 5	ESS-30-SNA
BR	40		3	Round flat	Black / White dot	M 6	Top	0 / 0.95	50 +/- 5	ESS-40-SNA
BR	50		3	Round flat	Black / White dot	M 6	Top	0 / 0.95	50 +/- 5	ESS-50-SNA
FPM	2		0.6	Round flat	Grey	3mm	Top	0 / 0.95	60 +/- 5	ESS-2-SF
FPM	4		1.2	Round flat	Grey	3mm	Top	0 / 0.95	60 +/- 5	ESS-4-SF
FPM	6		2	Round flat	Grey	4 mm	Top	0 / 0.95	60 +/- 5	ESS-6-SF
FPM	8		2	Round flat	Grey	4 mm	Top	0 / 0.95	60 +/- 5	ESS-8-SF
FPM	10		2	Round flat	Grey	M 4	Top	0 / 0.95	60 +/- 5	ESS-10-SF
FPM	15		2	Round flat	Grey	M 4	Top	0 / 0.95	60 +/- 5	ESS-15-SF
FPM	15		2	Round, extra deep	Grey	M 4	Top	0 / 0.95	60 +/- 5	ESS-15-EF
FPM	20		3	Round flat	Grey	M 6	Top	0 / 0.95	60 +/- 5	ESS-20-SF
FPM	20		3	Round, extra deep	Grey	M 6	Top	0 / 0.95	60 +/- 5	ESS-20-EF
FPM	30		3	Round flat	Grey	M 6	Top	0 / 0.95	60 +/- 5	ESS-30-SF
FPM	30		3	Round, extra deep	Grey	M 6	Top	0 / 0.95	60 +/- 5	ESS-30-EF
FPM	40		3	Round flat	Grey	M 6	Top	0 / 0.95	60 +/- 5	ESS-40-SF
FPM	40		3	Round, extra deep	Grey	M 6	Top	0 / 0.95	60 +/- 5	ESS-40-EF
FPM	50		3	Round flat	Grey	M 6	Top	0 / 0.95	60 +/- 5	ESS-50-SF
FPM	50		3	Round, extra deep	Grey	M 6	Top	0 / 0.95	60 +/- 5	ESS-50-EF
FPM	60		6	Round flat	Grey	M10	Top	0 / 0.95	60 +/- 5	ESS-60-SF
FPM	60		6	Round, extra deep	Grey	M10	Top	0 / 0.95	60 +/- 5	ESS-60-EF
FPM	80		6	Round flat	Grey	M10	Top	0 / 0.95	60 +/- 5	ESS-80-SF
FPM	80		6	Round, extra deep	Grey	M10	Top	0 / 0.95	60 +/- 5	ESS-80-EF
FPM	100		6	Round flat	Grey	M10	Top	0 / 0.95	60 +/- 5	ESS-100-SF
FPM	100		6	Round, extra deep	Grey	M10	Top	0 / 0.95	60 +/- 5	ESS-100-EF
FPM	150		10	Round flat	Grey		Top	0 / 0.95	60 +/- 5	ESS-150-SF
FPM	200		10	Round flat	Grey		Top	0 / 0.95	60 +/- 5	ESS-200-SF

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Material	Diameter mm	Suction cup size mm	Nominal size mm	Suction cup shape	Colour	Connection	Connection position	Operating pressure bar	Shore hardness	Article
NBR		6x20	2.5	Oval, flat	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-6X20-ON
NBR		10x30	2.5	Oval, flat	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-10X30-ON
NBR		6x10	2.5	Oval, flat	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-6X10-ON
NBR		4x10	2.5	Oval, flat	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-4X10-ON
NBR		8x30	2.5	Oval, flat	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-8X30-ON
NBR		4x20	2.5	Oval, flat	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-4X20-ON
NBR		8x20	2.5	Oval, flat	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-8X20-ON
NBR		30x90	6	Oval, flat	Black	M10	Top	0 / 0.95	50 +/- 5	ESS-30X90-ON
NBR		15x45	6	Oval, flat	Black	M10	Top	0 / 0.95	50 +/- 5	ESS-15X45-ON
NBR		25x75	6	Oval, flat	Black	M10	Top	0 / 0.95	50 +/- 5	ESS-25X75-ON
NBR		20x60	6	Oval, flat	Black	M10	Top	0 / 0.95	50 +/- 5	ESS-20X60-ON
NBR	2		0.6	Round flat	Black	3mm	Top	0 / 0.95	50 +/- 5	ESS-2-SN
NBR	4		1.2	Round flat	Black	3mm	Top	0 / 0.95	50 +/- 5	ESS-4-SN
NBR	6		2	Round flat	Black	4 mm	Top	0 / 0.95	50 +/- 5	ESS-6-SN
NBR	8		2	Round flat	Black	4 mm	Top	0 / 0.95	50 +/- 5	ESS-8-SN
NBR	10		2	Round flat	Black	M 4	Top	0 / 0.95	60 +/- 5	ESS-10-SN
NBR	10		2	Round, bellows 1.5 convolutions	Black	M 4	Top	0 / 0.95	50 +/- 5	ESS-10-BN
NBR	15		2	Round flat	Black	M 4	Top	0 / 0.95	60 +/- 5	ESS-15-SN
NBR	15		2	Round, extra deep	Black	M 4	Top	0 / 0.95	60 +/- 5	ESS-15-EN
NBR	20		3	Round flat	Black	M 6	Top	0 / 0.95	60 +/- 5	ESS-20-SN
NBR	20		3	Round, bellows 1.5 convolutions	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-20-BN
NBR	20		3	Round, bellows, 3.5 convolutions	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-20-CN
NBR	20		3	Round, extra deep	Black	M 6	Top	0 / 0.95	60 +/- 5	ESS-20-EN
NBR	30		3	Round flat	Black	M 6	Top	0 / 0.95	60 +/- 5	ESS-30-SN
NBR	30		3	Round, bellows 1.5 convolutions	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-30-BN
NBR	30		3	Round, bellows, 3.5 convolutions	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-30-CN
NBR	30		3	Round, extra deep	Black	M 6	Top	0 / 0.95	60 +/- 5	ESS-30-EN
NBR	40		3	Round flat	Black	M 6	Top	0 / 0.95	60 +/- 5	ESS-40-SN
NBR	40		3	Round, bellows 1.5 convolutions	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-40-BN
NBR	40		3	Round, bellows, 3.5 convolutions	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-40-CN
NBR	40		3	Round, extra deep	Black	M 6	Top	0 / 0.95	60 +/- 5	ESS-40-EN
NBR	50		3	Round flat	Black	M 6	Top	0 / 0.95	60 +/- 5	ESS-50-SN
NBR	50		3	Round, bellows 1.5 convolutions	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-50-BN
NBR	50		3	Round, bellows, 3.5 convolutions	Black	M 6	Top	0 / 0.95	50 +/- 5	ESS-50-CN
NBR	50		3	Round, extra deep	Black	M 6	Top	0 / 0.95	60 +/- 5	ESS-50-EN
NBR	60		6	Round flat	Black	M10	Top	0 / 0.95	60 +/- 5	ESS-60-SN
NBR	60		6	Round, extra deep	Black	M10	Top	0 / 0.95	60 +/- 5	ESS-60-EN
NBR	80		6	Round flat	Black	M10	Top	0 / 0.95	60 +/- 5	ESS-80-SN

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Material	Diameter mm	Suction cup size mm	Nominal size mm	Suction cup shape	Colour	Connection	Connection position	Operating pressure bar	Shore hardness	Article
NBR	80		6	Round, bellows 1.5 convolutions	Black	M10	Top	0 / 0.95	50 +/- 5	ESS-80-BN
NBR	80		6	Round, extra deep	Black	M10	Top	0 / 0.95	60 +/- 5	ESS-80-EN
NBR	100		6	Round flat	Black	M10	Top	0 / 0.95	60 +/- 5	ESS-100-SN
NBR	100		6	Round, extra deep	Black	M10	Top	0 / 0.95	60 +/- 5	ESS-100-EN
NBR	150		10	Round flat	Black		Top	0 / 0.95	50 +/- 5	ESS-150-SN
NBR	200		10	Round flat	Black		Top	0 / 0.95	50 +/- 5	ESS-200-SN
PUR	2		0.6	Round flat	Blue	3mm	Top	0 / 0.95	60 +/- 5	ESS-2-SU
PUR	4		1.2	Round flat	Blue	3mm	Top	0 / 0.95	60 +/- 5	ESS-4-SU
PUR	6		2	Round flat	Blue	4 mm	Top	0 / 0.95	60 +/- 5	ESS-6-SU
PUR	8		2	Round flat	Blue	4 mm	Top	0 / 0.95	60 +/- 5	ESS-8-SU
PUR	10		2	Round flat	Blue	M 4	Top	0 / 0.95	60 +/- 5	ESS-10-SU
PUR	10		2	Round, bellows 1.5 convolutions	Blue	M 4	Top	0 / 0.95	60 +/- 5	ESS-10-BU
PUR	15		2	Round flat	Blue	M 4	Top	0 / 0.95	60 +/- 5	ESS-15-SU
PUR	15		2	Round, extra deep	Blue	M 4	Top	0 / 0.95	60 +/- 5	ESS-15-EU
PUR	20		3	Round flat	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-20-SU
PUR	20		3	Round, bellows 1.5 convolutions	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-20-BU
PUR	20		3	Round, extra deep	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-20-EU
PUR	30		3	Round flat	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-30-SU
PUR	30		3	Round, bellows 1.5 convolutions	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-30-BU
PUR	30		3	Round, extra deep	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-30-EU
PUR	40		3	Round flat	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-40-SU
PUR	40		3	Round, bellows 1.5 convolutions	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-40-BU
PUR	40		3	Round, extra deep	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-40-EU
PUR	50		3	Round flat	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-50-SU
PUR	50		3	Round, bellows 1.5 convolutions	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-50-BU
PUR	50		3	Round, extra deep	Blue	M 6	Top	0 / 0.95	60 +/- 5	ESS-50-EU
PUR	60		6	Round flat	Blue	M10	Top	0 / 0.95	60 +/- 5	ESS-60-SU
PUR	60		6	Round, extra deep	Blue	M10	Top	0 / 0.95	60 +/- 5	ESS-60-EU
PUR	80		6	Round flat	Blue	M10	Top	0 / 0.95	60 +/- 5	ESS-80-SU
PUR	80		6	Round, bellows 1.5 convolutions	Blue	M10	Top	0 / 0.95	60 +/- 5	ESS-80-BU
PUR	80		6	Round, extra deep	Blue	M10	Top	0 / 0.95	60 +/- 5	ESS-80-EU
PUR	100		6	Round flat	Blue	M10	Top	0 / 0.95	60 +/- 5	ESS-100-SU
PUR	100		6	Round, extra deep	Blue	M10	Top	0 / 0.95	60 +/- 5	ESS-100-EU
PUR	150		10	Round flat	Blue		Top	0 / 0.95	60 +/- 5	ESS-150-SU
PUR	200		10	Round flat	Blue		Top	0 / 0.95	60 +/- 5	ESS-200-SU
VMQ/Silicone	2		0.6	Round flat	Transparent	3mm	Top	0 / 0.95	50 +/- 5	ESS-2-SS
VMQ/Silicone	4		1.2	Round flat	Transparent	3mm	Top	0 / 0.95	50 +/- 5	ESS-4-SS
VMQ/Silicone	6		2	Round flat	Transparent	4 mm	Top	0 / 0.95	50 +/- 5	ESS-6-SS
VMQ/Silicone	8		2	Round flat	Transparent	4 mm	Top	0 / 0.95	50 +/- 5	ESS-8-SS

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Material	Diameter mm	Suction cup size mm	Nominal size mm	Suction cup shape	Colour	Connection	Connection position	Operating pressure bar	Shore hardness	Article
VMQ/Silicone	10		2	Round flat	Transparent	M 4	Top	0 / 0.95	50 +/- 5	ESS-10-SS
VMQ/Silicone	10		2	Round, bellows 1.5 convolutions	Transparent	M 4	Top	0 / 0.95	50 +/- 5	ESS-10-BS
VMQ/Silicone	10		2	Round, bellows, 3.5 convolutions	Transparent	M 4	Top	0 / 0.95	50 +/- 5	ESS-10-CS
VMQ/Silicone	15		2	Round flat	Transparent	M 4	Top	0 / 0.95	50 +/- 5	ESS-15-SS
VMQ/Silicone	15		2	Round, extra deep	Transparent	M 4	Top	0 / 0.95	50 +/- 5	ESS-15-ES
VMQ/Silicone	20		3	Round flat	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-20-SS
VMQ/Silicone	20		3	Round, bellows 1.5 convolutions	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-20-BS
VMQ/Silicone	20		3	Round, bellows, 3.5 convolutions	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-20-CS
VMQ/Silicone	20		3	Round, extra deep	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-20-ES
VMQ/Silicone	30		3	Round flat	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-30-SS
VMQ/Silicone	30		3	Round, bellows 1.5 convolutions	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-30-BS
VMQ/Silicone	30		3	Round, bellows, 3.5 convolutions	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-30-CS
VMQ/Silicone	30		3	Round, extra deep	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-30-ES
VMQ/Silicone	40		3	Round flat	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-40-SS
VMQ/Silicone	40		3	Round, bellows 1.5 convolutions	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-40-BS
VMQ/Silicone	40		3	Round, bellows, 3.5 convolutions	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-40-CS
VMQ/Silicone	40		3	Round, extra deep	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-40-ES
VMQ/Silicone	50		3	Round flat	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-50-SS
VMQ/Silicone	50		3	Round, bellows 1.5 convolutions	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-50-BS
VMQ/Silicone	50		3	Round, bellows, 3.5 convolutions	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-50-CS
VMQ/Silicone	50		3	Round, extra deep	Transparent	M 6	Top	0 / 0.95	50 +/- 5	ESS-50-ES
VMQ/Silicone	60		6	Round flat	Transparent	M10	Top	0 / 0.95	50 +/- 5	ESS-60-SS
VMQ/Silicone	60		6	Round, extra deep	Transparent	M10	Top	0 / 0.95	50 +/- 5	ESS-60-ES
VMQ/Silicone	80		6	Round flat	Transparent	M10	Top	0 / 0.95	50 +/- 5	ESS-80-SS
VMQ/Silicone	80		6	Round, bellows 1.5 convolutions	Transparent	M10	Top	0 / 0.95	50 +/- 5	ESS-80-BS
VMQ/Silicone	80		6	Round, extra deep	Transparent	M10	Top	0 / 0.95	50 +/- 5	ESS-80-ES
VMQ/Silicone	100		6	Round flat	Transparent	M10	Top	0 / 0.95	50 +/- 5	ESS-100-SS
VMQ/Silicone	100		6	Round, extra deep	Transparent	M10	Top	0 / 0.95	50 +/- 5	ESS-100-ES
VMQ/Silicone	150		10	Round flat	Transparent		Top	0 / 0.95	50 +/- 5	ESS-150-SS
VMQ/Silicone	200		10	Round flat	Transparent		Top	0 / 0.95	50 +/- 5	ESS-200-SS
Vulkollan®	30		2.5	Round deep	Red / Brown	G1/8		-0.95 / 0	72 +/- 5	ESS-30-GT-G1/8
Vulkollan®	30		2.5	Round deep	Red / Brown	M 6		-0.95 / 0	72 +/- 5	ESS-30-GT-M6
Vulkollan®	40		2.5	Round deep	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-40-GT-G1/4
Vulkollan®	40		2.5	Round deep	Red / Brown	M 6		-0.95 / 0	72 +/- 5	ESS-40-GT-M6

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Material	Diameter mm	Suction cup size mm	Nominal size mm	Suction cup shape	Colour	Connection	Connection position	Operating pressure bar	Shore hardness	Article
Vulkollan®	40		2.5	Round, bellows 1.5 convolutions	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-40-BT- G1/4-I
Vulkollan®	40		2.5	Round, bellows 1.5 convolutions	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-40-BT- G1/4
Vulkollan®	40		2.5	Round, bellows 1.5 convolutions	Red / Brown	M 6		-0.95 / 0	72 +/- 5	ESS-40-BT-M6
Vulkollan®	40		2.5	Round, bellows 1.5 convolutions	Red / Brown	M10		-0.95 / 0	72 +/- 5	ESS-40-BT- M10
Vulkollan®	50		2.5	Round deep	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-50-GT- G1/4
Vulkollan®	50		2.5	Round, bellows 1.5 convolutions	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-50-BT- G1/4-I
Vulkollan®	50		2.5	Round, bellows 1.5 convolutions	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-50-BT- G1/4
Vulkollan®	50		2.5	Round, bellows 1.5 convolutions	Red / Brown	M10		-0.95 / 0	72 +/- 5	ESS-50-BT- M10
Vulkollan®	60		2.5	Round deep	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-60-GT- G1/4
Vulkollan®	60		2.5	Round deep	Red / Brown	M10		-0.95 / 0	72 +/- 5	ESS-60-GT- M10
Vulkollan®	80		5.5	Round deep	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-80-GT- G1/4
Vulkollan®	80		5.5	Round deep	Red / Brown	M10		-0.95 / 0	72 +/- 5	ESS-80-GT- M10
Vulkollan®	80		2.5	Round, bellows 1.5 convolutions	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-80-BT- G1/4-I
Vulkollan®	80		2.5	Round, bellows 1.5 convolutions	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-80-BT- G1/4
Vulkollan®	80		2.5	Round, bellows 1.5 convolutions	Red / Brown	M10		-0.95 / 0	72 +/- 5	ESS-80-BT- M10
Vulkollan®	100		5.5	Round deep	Red / Brown	G1/4		-0.95 / 0	72 +/- 5	ESS-100-GT- G1/4

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