

# TriboServ Splitters

## Technical Data Sheet

### Product Description

TriboServ grease splitters are designed for volumetrically uniform distribution of oil or grease flow up to 4 outlets.

The use of splitters for lubricant distribution makes sense in applications where the same requirements exist for the connected lubrication points with regard to lubricant type, lubrication interval and lubricant quantity.

To achieve an even distribution of the lubricant to the outlets, throttles are installed in the splitter to create a pressure difference of 10 Bar between the lubricant inlet and outlet. Each outlet is also fitted with a non-return valve to prevent overflow between the outlets.

The volumetrically uniform distribution of the lubricant takes place with an accuracy of +/- 10%, at a maximum pressure difference of 6 Bar between the outlets. Maximum permissible pressure difference between the outlets is 8 bar.

### Intended Use

Equal distribution of oil or grease for lubrication points in a very close range and where ambient temperature is at room level.

### Technical Data

Pressure Inlet (Maximum)		110 Bar (1595 psi)
Number of Outlets		2, 3 or 4
Operating Temperature	min.	10°C (50°F)
	max.	80°C (176°F)
Permissible Outlet Pressure Diff.		8 Bar (116 psi)
Inlet Connection		Diameter 6mm
Outlet Connections		Diameter 6mm
Lubricants	Grease	up to NLGI Class 2
	Oil	> 1,000 cSt at 40°C (104°F)
Material		Aluminum
Weights (2X / 3X / 4X)	kg	0.134 / 0.210 / 0.252
	lbs	0.295 / 0.463 / 0.555
Mounting Position		Arbitrary
Installation (See Dimensions)		2 x Through Holes

### Important Instructions

When using with FlexxPump, adjust the pump operating settings to **2 pumping cycles for 2 outlet splitter, 3 pumping cycles for 3 outlet splitter and 4 pumping cycles for 4 outlet splitters** for best result.



Figure 1: Splitter with 2 Outlets

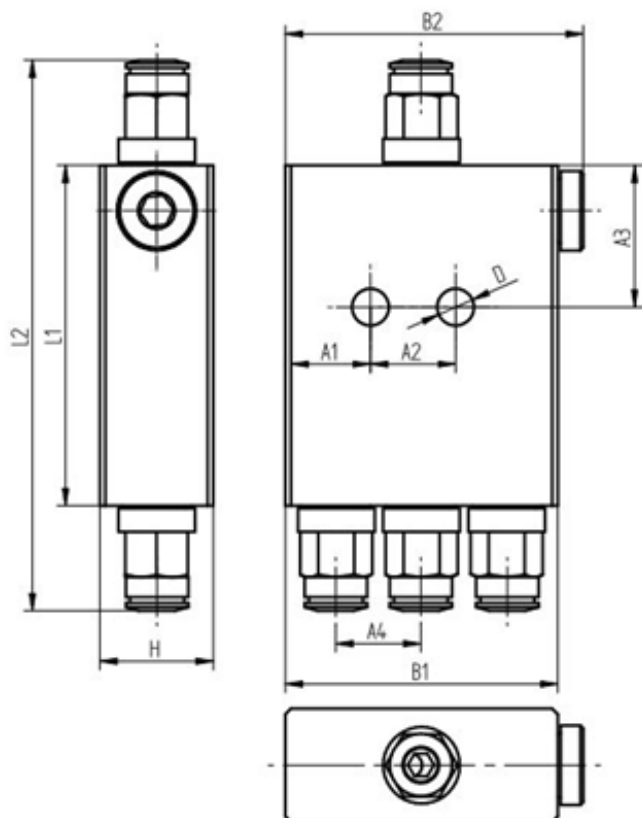


Figure 2: Splitter with 3 Outlets



Figure 3: Splitter with 4 Outlets

## Dimensions



for Grease	Article Number
Splitter 2X	700072
Splitter 3X	700141
Splitter 4X	700125

for Oil	Article Number
Splitter 2X	700793
Splitter 3X	On Request
Splitter 4X	On Request

	2 Outlets		3 Outlets		4 Outlets	
	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
<b>B1</b>	30.0	1.18	48.0	1.89	60.0	2.36
<b>B2</b>	33.0	1.30	51.0	2.01	63.7	2.51
<b>L1</b>	60.0	2.36	60.0	2.36	60.0	2.36
<b>L2</b>	94.0	3.70	94.0	3.70	94.0	3.70
<b>A1</b>	4.5	0.18	15.0	0.59	17.5	0.69
<b>A2</b>	21.0	0.83	15.0	0.59	25.0	0.98
<b>A3</b>	25.0	0.98	25.0	0.98	25.0	0.98
<b>A4</b>	14.0	0.55	15.0	0.59	15.0	0.59
<b>H</b>	20.0	0.79	20.0	0.79	20.0	0.79
<b>D</b>	5.5	0.22	6.5	0.26	6.5	0.26

Please visit [www.triboserv.com](http://www.triboserv.com) for available Accessories

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