

Technical Data BPS

All dimensions in mm (inch)

	BPS - 1A - 30 - H - B	BPS - 2A - 30 - H - B
Number of filter housings	1	2
Nominal flow	2,1 l/min (0.6 US GPM)	4,2 l/min (1.1 US GPM)
Max differential pressure	max 6,2 bar (90 PSI at 0 PSI back pressure)	
Max fluid temperature	80°C (176°F)	
Max housing pressure	20 bar (290 PSI)	
Range of viscosity	20-160 cSt (100-750 SUS)	
Connection pressure side	1/4" BSP	
Connection return line side	1/2" BSP	
Diameter of hose	3/8" - 1/2" (inner diameter) flexible hose	
Weight	6 kg (13.2 lbs)	12.3 Kg (27 lbs)
Max volume of tank	750 l (200 gal)	1500 l (400 gal)
Dimensions (HxWxD)	418 x 131 x 159 mm (16.4 x 5.1 x 6.2")	418 x 282 x 158 mm (16.4 x 11.1 x 6.2")
Connection for online-particle counter	STAUFF TEST (M16 x 2)	
Pressure range	12 - 420 bar (180 - 6200 PSI)	

Ordering Code

BPS - 1A - 30 - H - B - 0 - 0 - 0

Basic Configuration	
BPS	By-Pass Filter (for mobile applications)

Housing Configuration			
Code	Single length	suitable for reservoir size	N° of elements
1A	Single Housing	750 l (198 gal)	1x1 pcs
2A	Twin Housing	1500 l (396 gal)	2x1 pcs

Filter Element Length	
30	300 mm (standard)

Filter Material	
H	Cellulose 0,5µm (standard)
G01	1 micron microglass
G03	3 micron microglass
A05	5 micron microglass and polymer (water absorption)

Mounting Options	
0	No bracket (standard)
1	With standard foot / bulk head mounting bracket
2	With "bulk head mounting only" bracket
3	With standard 'OLS' wall mounting bracket

for details see page F140

Valve Options	
0	with flow control valve (standard)
1	without flow control valve

Clogging Indicator	
0	Pressure gauge 1 - 16 bar (standard)

Seal Material	
B	NBR (Buna-N®) (standard)
V	FPM (Viton)

Ordering Code Filter Elements

SRM - 30HB - 1

Filter Element	
SRM-30HB	0.5 micron cellulose
SRM-30G01B	1 micron microglass
SRM-30G03B	3 micron microglass
SRM-30A05B	5 micron microglass and polymer

For more details, see page F143 ... F144.

Quantity	
1	1 pcs. filter element
15	box with 15 pcs. filter element