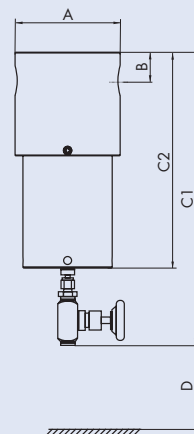


# CLEARPOINT®

## GREATER SAFETY & RELIABILITY

### HIGH PRESSURE FILTER

#### 100 - 500 BAR



#### SPECIFICATIONS

Type	W	C	G	F	S	A
Element	WS	X25	X5	X1	XA	AC
Particles		25 µm	5 µm	1 µm	0.01 µm	0.01 µm
Residual oil aerosols at 20 °C		10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>	0.01 mg/m <sup>3</sup>	
Residual oil vapour						0.003 mg/m <sup>3</sup>
Recommended max. operating temperature	60 °C	60 °C	60 °C	60 °C	40 °C	25 °C
Initial pressure loss	0.05 bar	0.03 bar	0.04 bar	0.04 bar	0.08 bar	0.04 bar

#### CONVERSION FACTORS

To determine the filter performance in relation to the actual operating pressure, please multiply the flow rate by the relevant correction factor.

##### Pressure conversion factor for 100 bar

Operating press. bar	20	30	40	50	60	70	80	90	100
Correction factor	0.45	0.57	0.68	0.80	0.84	0.88	0.92	0.96	1.00

##### Pressure conversion factor for 250 bar

Operating press. bar	100	150	200	250
Correction factor	0.86	0.90	0.96	1.00

##### Pressure conversion factor for 350 bar

Operating press. bar	50	60	70	80	90	100	150	200	250	300	350
Correction factor	0.70	0.74	0.75	0.76	0.77	0.78	0.82	0.87	0.91	0.96	1.00

##### Pressure conversion factor for 500 bar

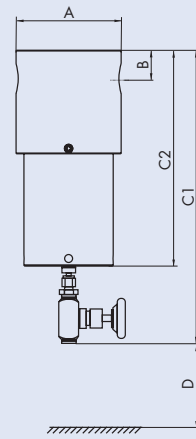
Operating press. bar	100	150	200	250	300	350	400	450	500
Correction factor	0.73	0.76	0.79	0.82	0.85	0.88	0.92	0.96	1.00

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### HIGH PRESSURE FILTER

#### 100 - 500 BAR



Filter	A mm	B mm	C1 mm	C2 mm	D mm	Volume l	Weight kg	Category according to PED97/23/EG fluid group 2
HP100S040	60	16.5	217	117	100	0.04	2.0	
HP100S045	79	20.5	240	140	100	0.098	4.5	
HP100S050	78	23	314	214	100	0.38	4.0	
HP100S055	78	23	364	264	100	0.49	5.5	
HP100S075	114	29.5	370	270	100	1.2	10.5	1
HP100M010	114	29.5	520	420	100	1.9	13.7	1
HP100M015	174	50	581	481	100	2.9	34.0	2
HP100M020	174	50	884	784	100	5.4	42.0	2
HP250S030	60	16.5	217	117	100	0.04	2.0	
HP250S040	79	20.5	240	140	100	0.098	4.5	
HP250S045	88	23	314	214	100	0.38	6.5	
HP250S050	88	23	364	264	100	0.49	7.5	
HP250S075	139	37.5	386	286	100	1.0	20.5	2
HP250M010	139	37.5	536	436	100	1.5	27.0	2
HP250M012	169	49.5	580	480	100	2.9	45.0	2
HP250M015	169	49.5	883	783	100	5.4	71.0	3
HP350S030	60	16.5	217	117	100	0.04	2.0	
HP350S040	79	20.5	240	140	100	0.098	4.5	
HP350S045	88	23	314	214	100	0.38	6.5	
HP350S050	88	23	364	264	100	0.49	7.5	
HP350S075	139	37.5	386	286	100	1.0	20.5	2
HP350M010	139	37.5	536	436	100	1.5	27.0	2
HP350M012	169	49.5	580	480	100	2.9	45.0	3
HP350M015	169	49.5	883	783	100	5.4	71.0	3
HP500S030	60	16.5	217	117	100	0.04	2.0	
HP500S040	79	20.5	240	140	100	0.098	4.5	
HP500S045	113	25	321	221	100	0.38	12.0	
HP500S050	113	25	371	271	100	0.49	13.0	

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