

## High efficiency oil separators for compressors

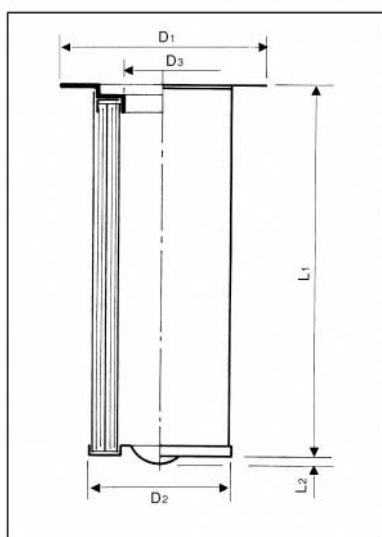


**OIL SEP**

	SELECTION mm				
	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	L <sub>1</sub>	L <sub>2</sub>
K20L - 110.230.0 - 04	154	107	60	227,5	12
K20L - 140.200.0 - 04	170	140	93	200	12
K20L - 140.305.0 - 04	170	140	93	303	12
K20L - 170.160.0 - 04	200	170	125	160	12
K20L - 170.232.0 - 04	200	170	125	132	12
K20L - 170.305.0 - 04	200	170	125	303	12
K20L - 170.437.0 - 04	200	170	125	437	12
K20L - 220.435.0 - 04	274	220	165	435	12
K20L - 220.602.0 - 04	274	220	165	602	12
K20L - 275.305.0 - 04	328	275	220	305	12
K20L - 300.502.0 - 04	355	300	245	502	12
K20L - 300.600.0 - 04	355	300	245	600	12

SIZING TABLE	SELECTION mm.		
	D <sub>2</sub>	D <sub>3</sub>	L <sub>1</sub>
K10L - 114.165.0 - 04	114	66	165
K10L - 114.258.0 - 04	114	66	258
K10L - 114.340.0 - 04	114	66	340
K10L - 114.505.0 - 04	114	66	505
K10L - 170.230.0 - 00	170	123	230
K10L - 220.435.0 - 00	220	165	435
K10L - 300.600.0 - 00	300	245	600

Efficiency code: please contact our Technical team.



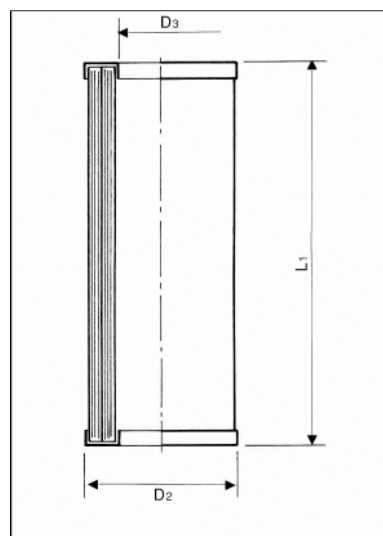
K20 MODEL

### Dimensions

The "OIL-SEP" elements come in various shapes and sizes. The most common oil separation elements are detailed below. Bea is in a position to produce "OIL-SEP" elements to any specification, thus meeting the requirements of most compressor manufacturers.

### Differential pressure and maximum operating pressure

The "OIL-SEP" elements are designed to withstand a differential pressure of at least 5 bar. The maximum operating temperature is 110°C



K10 MODEL

### Lifespan

The life of the OIL-SEP cartridge depends on the degree of purity of the lubrication oil and the quality of filters installed on the air inlet side of compressor. Our experience shows that in general, several thousand running hours can be achieved.

### Recommendations

- In order to reach optimum performance, we recommend that the compressor manufacturer takes the following into account:
- The seal between the OIL-SEP and the housing has to be maintained under all operating conditions.
  - We recommended that all technical details are given prior to installation so that the maximum performance of the OIL-SEP can be achieved.
  - The air at the oil separator inlet must not flow directly onto the filtration surface of the OIL-SEP element.
  - The air filters on the compressor inlet side have to be of a high standard and meet the minimum standards required.

Data contained in this bulletin are informative and subject to change without notice.

User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.



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