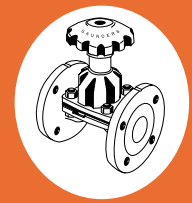


Saunders

Diaphragm/Valve Performance
(Temperature/Pressure relationships) Type 'KB'

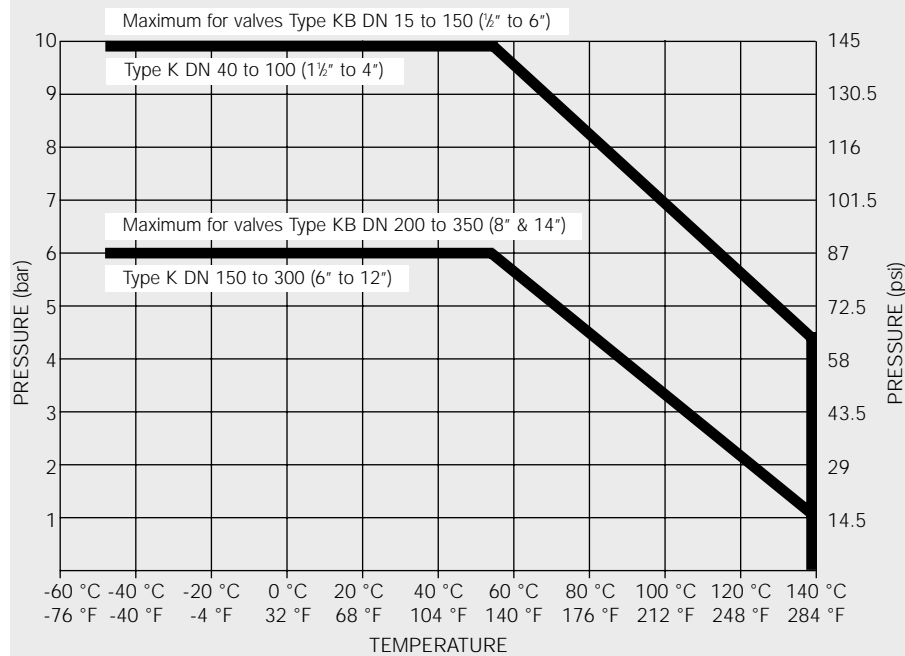


Industrial
Diaphragm Valves

DIAPHRAGM TEMPERATURES TYPE KB (°C)

-40°	AA & Q	90°
-30	B	90°
-10°	C	90°
-20°	HT	90°
+5°	226	120°
0°	237	90°
-20°	300	100°
-40°	325	100°

VALVE BODY TEMPERATURE/PRESSURE RELATIONSHIP



For whole Manual Valves refer to 2/KB/005/UK/REV1 and for ES actuated valves refer to appropriate performance graphs.

BODY TEMPERATURE LIMIT (°C)

-10°	CAST IRON	120°
-30°	STAINLESS STEEL /COPPER ALLOYS	120°
-10°	GLASS LINED	120°
-10°	HALAR™ LINED (ECTFE)	120°
-10°	HARD RUBBER LINED	85°
-10°	SOFT NATURAL RUBBER LINED	85°
-10°	BUTYL LINED	110°
-10°	POLYCHLOROPRENE LINED	105°
-20°	RILSAN™	80°

Temperature bands for diaphragms are shown as a guide only. Many aspects of service conditions will determine the highest working temperature.

Rilsan™ is the registered trademark of ATO Chemical Products UK.

Halar™ is the registered trademark of Ausimont UK Limited.

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Due to constant product improvements, details shown on this data sheet are subject to change.

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