



SAUNDERS Diaphragm valve Series: KB Type: 3071 Cast iron Without lining Flange PN6/10

Characteristics

Series: KB
Type: 3071
Norm: EN (DIN)
Housing construction: KB (Straight through type)
Housing material: Cast iron
Material quality: EN-JL1040
Surface protection: Manufacturer standard
Connection: Flange
Flange finish: Raised face
Face to Face norm: EN 558, Series 1

Manual operation: Hand wheel, rising with rising stem

Material bonnet: EN-JL1040

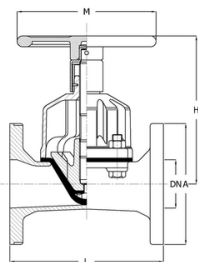
Minimum medium temperature (continuous): -10 °C

Maximum medium temperature (continuous): 90 °C

With position indicator: Yes

Application

- Recommended in: Chemical, Steel industry



Size table						
DN [mm]	ØD [mm]	L [mm]	H open [mm]	ØW [mm]	Weight [kg]	Kvs [m3/hour]
25	115	160	165	120	5	33
40	150	200	165	120	6	65
50	165	230	176	120	11	111
65	185	290	234	170	12	206
80	200	310	270	230	18	285
100	220	350	313	280	32	509
125	250	400	335	280	47	799
150	285	480	435	368	68	1453
Other sizes on request						

Maximum working pressure			
Size	DN15 thru DN100	DN125 and DN150	
Rubber diaphragm	10	6	[bar]

Temperature range		
Diaphragm code	Diaphragm material	Temperature range

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Diaphragm Valves | Diaphragm Valves with Flange Connection

Temperature range			
AA	NR	-10 / +90	[°C]
Other diaphragm materials: see ERIKS fig. 3062			

Material body lining	Membrane material	Material code diaphragm	Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face length	Actuator material	Maximum pressure difference at 20 °C	Kv value	Article
						mm		bar	m³/h	
Without lining	NR	AA	DN25	PN10		160	ABS	10	33	11114094
Without lining	NR	AA	DN40	PN10		200	ABS	10	65	11114096
Without lining	NR	AA	DN50	PN10		230	ABS	10	111	11114097
Without lining	NR	AA	DN65	PN10		290	Cast iron	10	206	11027934
Without lining	NR	AA	DN80	PN10		310	Cast iron	10	285	11114098
Without lining	NR	AA	DN100	PN10		350	Cast iron	10	509	11114099
Without lining	NR	AA	DN125	PN6	PN10	400	Cast iron	6	799	11185839
Without lining	NR	AA	DN150	PN6	PN10	480	Cast iron	6	1453	11185761

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