



SAUNDERS Diaphragm valve Series: KB Type: 3071RL Cast iron Rubber lining Flange PN10

Characteristics

Series: KB
Type: 3071RL
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

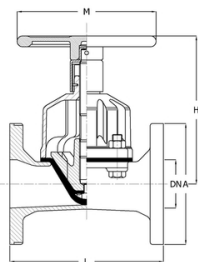
Maximum medium temperature (continuous): 85 °C

Maximum pressure difference at 20 °C: 10 bar

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	26
32	140	180	168	120	5	40
40	150	200	165	120	6	57
50	165	230	176	120	11	93
65	185	290	234	170	12	169
80	200	310	270	230	18	228
100	220	350	313	280	32	415
Other sizes on request						

Maximum working pressure		
Size	DN15 thru DN100	
Rubber diaphragm	10	[bar]

Temperature range			
Diaphragm code	Diaphragm material	Temperature range	
AA	NR	-10 / +90	[°C]

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Diaphragm Valves | Diaphragm Valves with Flange Connection

Temperature range			
XE	EPDM	-10 / +130	[°C]
Lining name	Lining material	Temperature range	
Ebonite	Hard rubber	-10 / +85	[°C]
NR	Natural rubber	-10 / +85	[°C]
Other diaphragm and lining materials on request.			

Material body lining	Membrane material	Material code diaphragm	Nominal inner diameter	Pressure rating	Face to Face length	Material bonnet	Actuator material	Minimum medium temperature (continuous)	Kv value	Article
					mm			°C	m³/h	
Hard rubber	EPDM	XE	DN25	PN10	160	EN-JL1040	ABS	-10	26	11589286
Hard rubber	EPDM	XE	DN32	PN10	180	EN-JL1040	ABS	-10	40	11589287
Hard rubber	EPDM	XE	DN40	PN10	200	EN-JL1040	ABS	-10	57	11589288
Hard rubber	EPDM	XE	DN50	PN10	230	EN-JL1040	ABS	-10	93	11259682
Hard rubber	EPDM	XE	DN65	PN10	290	EN-JL1040	ABS	-10	169	11589289
Hard rubber	EPDM	XE	DN80	PN10	310	EN-JL1040	Cast iron	-10	228	11319737
Hard rubber	EPDM	XE	DN100	PN10	350	EN-JL1040	Cast iron	-10	415	11412036
NR	NR	AA	DN25	PN10	160	EN-JL1040	ABS	-10	26	10052254
NR	NR	AA	DN32	PN10	180	EN-JL1040	ABS	-10	40	11080163
NR	NR	AA	DN40	PN10	200	EN-JL1040	ABS	-10	57	10052255
NR	NR	AA	DN50	PN10	230	EN-JL1040	ABS	-10	93	10052256
NR	NR	AA	DN65	PN10	290	EN-JL1040	Cast iron	-10	169	10052257
NR	NR	AA	DN80	PN10	310	EN-JL1040	Cast iron	-10	228	10052258
NR	NR	AA	DN100	PN10	350	EN-JL1040	Cast iron	-10	415	10052259

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