

## SAUNDERS Diaphragm valve Series: A Type: 3034 Stainless steel Without lining Internal thread (BSPP) PN10/16



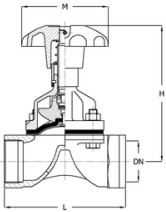
### Characteristics

**Series:** A  
**Type:** 3034  
**Norm:** EN (DIN)  
**Housing construction:** A (Weir type)  
**Housing material:** Stainless steel  
**Material quality:** 1.4408  
**Material body lining:** Without lining  
**Connection:** Internal thread (BSPP)  
**Standard thread connection:** ISO 228-1

**Face to Face norm:** Manufacturer standard  
**Manual operation:** Hand wheel, rising with rising stem  
**Minimum medium temperature (continuous):** -10 °C  
**With position indicator:** Yes

### Application

- Recommended in: Chemical



Size table							
DN	G	L [mm]	H open	ØW	Weight [kg]	Kvs m <sup>3</sup> /hour	
15	1/2"	63.5	90	62	0.45	4.8	
20	3/4"	83	94	62	0.9	9.9	
25	1"	111	119	80	1.13	15	
32	1.1/4"	125	154	120	1.8	24	
40	1.1/2"	145	164	120	2.7	37	
50	2"	168	188	120	5	69	

Maximum working pressure		
Size	DN 15 thru DN50	
Rubber diaphragm	16	[bar]
PTFE diaphragm	10	[bar]

Temperature range			
Diaphragm code	Diaphragm material	Temperature range	
XE	EPDM	-10 / +130	[°C]
PE	PTFE/EPDM	-10 / +150	[°C]

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## Diaphragm Valves | Diaphragm Valves with Threaded Connection

Temperature range	Diaphragm code	Diaphragm material	Temperature range
Other diaphragm materials: see ERIKS fig. 3060 and 3061.			

Membrane material	Material code diaphragm	Nominal inner diameter	Pressure rating	Face to Face length	Material bonnet	Actuator material	Maximum medium temperature (continuous)	Maximum pressure difference at 20 °C	Kv value	Article
				mm			°C	bar		
EPDM	XE	1/2" [15]	PN16	64	EN-JL1030	ABS	130	16	4.8	11270143
EPDM	XE	3/4" [20]	PN16	83	EN-JL1030	ABS	130	16	9.9	11287300
EPDM	XE	1" [25]	PN16	111	EN-JL1030	ABS	130	16	15	11386634
EPDM	XE	1.1/4" [32]	PN16	125	EN-JL1030	ABS	130	16	24	11386635
EPDM	XE	1.1/2" [40]	PN16	145	EN-JL1040	ABS	130	16	37	11386636
EPDM	XE	2" [50]	PN16	168	EN-JL1040	ABS	130	16	69	11310931
PTFE/EPDM	PE	1/2" [15]	PN10	64	EN-JL1030	Cast iron	150	10	4.8	11234092
PTFE/EPDM	PE	3/4" [20]	PN10	83	EN-JL1030	Cast iron	150	10	9.9	11234094
PTFE/EPDM	PE	1" [25]	PN10	111	EN-JL1030	Cast iron	150	10	15	11234091
PTFE/EPDM	PE	1.1/4" [32]	PN10	125	EN-JL1030	Cast iron	150	10	24	12097139
PTFE/EPDM	PE	1.1/2" [40]	PN10	145	EN-JL1040	Cast iron	150	10	37	11662210
PTFE/EPDM	PE	2" [50]	PN10	168	EN-JL1040	Cast iron	150	10	69	11234102

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