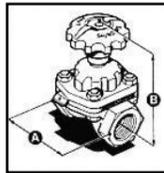
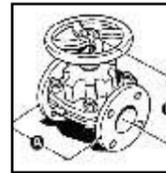


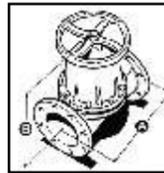
## Saunders weir type "A" diaphragm valve basic details



Screwed end with indicator  
DN 8 - DN80



With position indication  
DN 15 - DN150



Without indication  
DN 8 - DN80

VALVE Size (DN)	SCREWED ENDS			Nominal Mass kg	FLANGED PIPE CONNECTIONS			Nominal Mass Unlined kg	Lined kg
	A(mm) C.I., S.G. MI	B (Max) SS, G.M. ARB	All Materials		A (mm) BS 5156	B (max) All Materials	Nominal Mass Lined kg		
8	48	48	58	140g	-	-	-	-	-
10	48	48	66	410g	-	-	-	-	-
15	64	64	91	570g	108	114	110	100	2,2
20	83	83	94	890g	117	123	119	100	2,5
25	102	95	115	1,4	127	133	123	110	3,6
32	121	114	132	2,3	146	152	142	150	4,5
40	140	133	154	3,3	159	165	161	160	6,2
50	165	152	187	4,3	190	196	192	180	9,4
65	203	191	224	9,4	216	222	218	214	13
80	254	241	233	15,8	254	260	256	220	20
100	-	-	-	-	305	311	307	300	35
125	-	-	-	-	356	361	352	375	50
150	-	-	-	-	406	412	408	430	65
200	-	-	-	-	521	527	523	507	145
250	-	-	-	-	635	641	637	588	230
300	-	-	-	-	749	755	751	683	366
350	-	-	-	-	749	755	751	693	476

\* Non preferred size

Valves sizes DN200 - 350 feature bonnet assembly design for ease of operation and low cost. At present stage of manufacture a non-rising handwheel unit is standard. Dimensions shown are for planning purposes and should not be used for manufacturing.

**Standards Applicable:**  
BS 5156 Diaphragm valves  
BS 4504 Flange dimensions  
ISO R7 thread connections

DIAPHRAGM TEMPERATURES TYPE A (°C)		BODY TEMPERATURE LIMIT (°C)	
-5°	214/226 & 214/228K	-30°	-10° RATED FIBREGLASS LINED
-20°	214/325 & 214/325K	-30°	-10° 60° VITON FIBREGLASS LINED
60°	AA & Q & QV 100°	-20°	-10° POLYPROPYLENE LINED (P.P.)
-30°	R & RV 100°	-20°	-10° POLYCHLOROPRENE LINED
-20°	C, CV & 233CV 100°	-40°	-10° BUTYL RUBBER LINED
-30°	HT & HTV 100°	-20°	-10° ETHYLENE TEREPHTHALATE FIBRE (ETFE) & HALAR*
-5°	226 & 228V 150°	-10°	-10° CARBON LINED, GLASS LINED & PTFE LINED
-10°	237, 286, 288 100°	-20°	-10° BR PDM LINED AND PDL LINED
-40°	309 & 300V 150°	-20°	-10° OTHER METALS: STAINLESS STEEL, COPPER ALLOYS
-40°	325 130°	-20°	-10° RESIN**

\* Depends on body substrate material.

## WEIR TYPE A DIAPHRAGM VALVES



