






## Main Features:-

- ◆ Lugged Butterfly Valve EPDM WRAS Liner
- ◆ Suits PN10 / PN16 Flanges
- ◆ ISO Mount 5211 for Direct Mount Actuation
- ◆ 1" to 24" Available on Quick Delivery\*
- ◆ -10 to + 130C Temperature Rating PN16\*\*

\*See available sizes for different liner materials.  
\*\*Temperature and pressure determined by valve body, seat etc.



## Suitable Applications & Approvals:

			<b>2007</b>	<b>2011</b>	<b>2013</b>
INDUSTRY	HVAC	WATER	NBR	PTFE	FKM

## SERIES: 20005

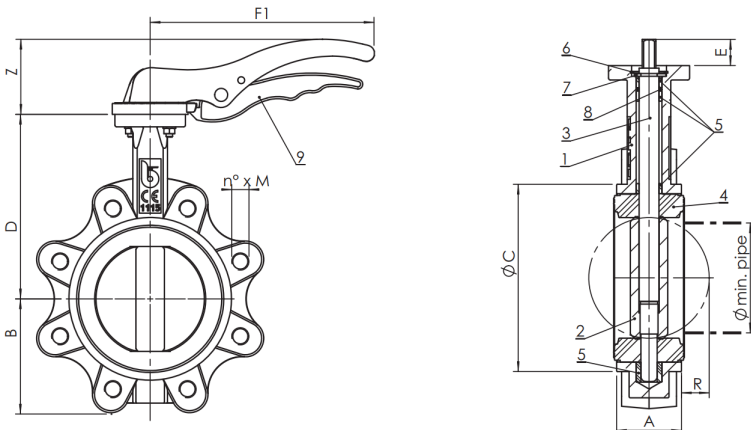
MANUFACTURER: **AVOL**  
INDUSTRIAL VALVES

VALVE DIMENSIONS

SIZE	CODE	A	C	D	B	ISO	S	G	J	Nm		KG	
										10BAR	16BAR	2005/2007/2013	2011
1"	20005-06	33	65	104	51	F05	7	65	50	3.3	16	2.6	-
1 1/4"	20005-06	33	73	110	56	F05	7	65	50	5.4	3.4	2.6	-
1 1/2"	20005-08	33	82	116	63	F05	9	65	50	8.8	9.2	2.3	1.8
2"	20005-09	43	89	126	62	F05	9	65	50	13.0	13.0	3.2	2.1
2 1/2"	20005-10	46	102	136	69	F05	9	65	50	20.0	21.0	4.1	2.4
3"	20005-11	46	118	150	90	F05	11	65	50	26.0	28.0	5.4	3.2
4"	20005-12	52	150	170	106	F05	11	65	50	40.0	44.0	6.7	4.3
5"	20005-13	56	174	180	119	F07	14	90	70	61.0	68.0	9.6	6.3
6"	20005-14	56	205	200	131	F07	14	90	70	88.0	99.0	10.8	7.8
8"	20005-16	60	260	230	166	F10	17	125	102	148.0	162.0	21.1	22.3
10"	20005-18	68	318	266	202	F12	27	150	125	234.0	257.0	32.7	32.8
12"	20005-20	78	376	292	235	F12	27	150	125	342.0	367.0	50.5	42.0
14"	20005-22	78	406	335	257	F12	27	150	125	396.0	550.0	79.3	-

\* Up to 16" WRAS approved (Only EPDM), sales team can provide specification and dimensions for 16" to 24" on request. Nm includes no safety factor

## DIMENSIONAL DRAWING OF VALVE



## MATERIALS OF CONSTRUCTION

BODY	DUCTILE IRON
DISC	CF8M SS
LINER	EPDM/NBR/PTFE/FKM
BUSHING	PTFE
ORINGS	VITON

Available Sizes			
20005	20007	20011	20013
1" - 24"	1 1/2" - 24"	1 1/2" - 12"	1 1/2" - 24"



**T** +44 (0)1386 552369  
**E** sales@allvalves.co.uk

**W** www.allvalves.co.uk  
**F** +44 (0)1386 554227



What is WRAS? This is the approval required for valves to be used for applications where Potable (drinking) water is being processed/ used. This valve's WRAS certificate is available on request.

## SERIES: 20005

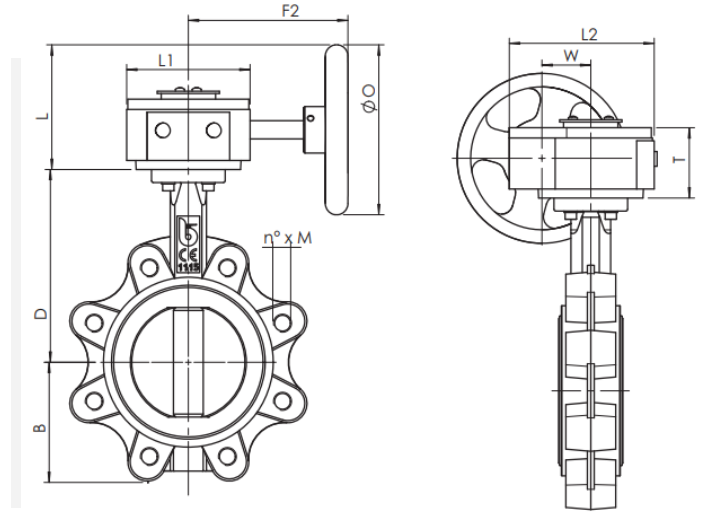
MANUFACTURER:



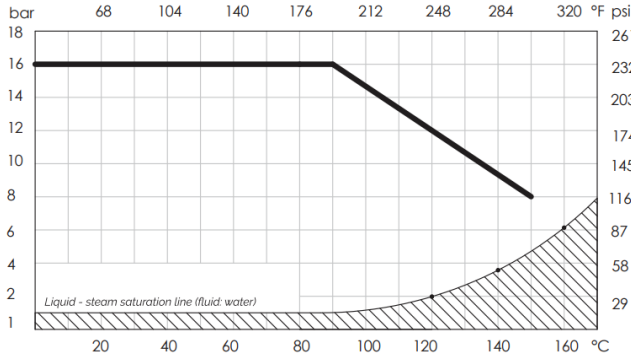
SIZE	CODE	L	T	L1	L2	W	R
12"	20005-20	190	80	170	195	81	112
14"	20005-22	183	80	151	188	80	128
16"	20005-24	183	80	151	188	80	144
18"	20005-26	183	80	151	188	80	163
20"	20005-28	311	125	214	275	168	182
24"	20005-32	386	136	262	324	293	219

Use different part numbers for different liner materials

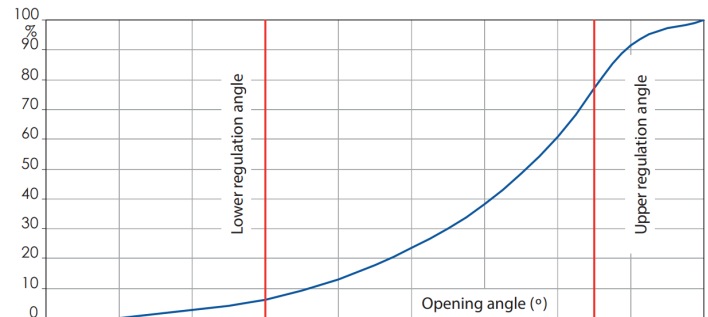
### GEARBOX DIMENSIONS



### PRESSURE & TEMP CHART



### FLOW CHART - Kv RATES BE-



SIZE	CODE	10	20	30	40	50	60	70	80	90
11/2"	20005-08	0.04	2.1	4.8	10	19	30	48	73	79
2"	20005-09	0.05	2.6	6	13	23	38	60	91	99
2 1/2"	20005-10	0.09	3.8	14	33	53	75	98	108	108
3"	20005-11	0.17	7.8	16	34	60	100	158	237	261
4"	20005-12	0.26	15	31	67	120	199	314	471	518
5"	20005-13	0.43	25	53	115	205	339	535	803	883
6"	20005-14	0.69	39	82	177	316	522	827	1241	1364
8"	20005-16	2.6	52	142	250	450	713	1122	1723	2716
10"	20005-18	2.6	130	276	599	1068	1768	2798	4196	4611
12"	20005-20	3.5	202	427	926	1650	2730	4322	6483	7124

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W [www.allvalves.co.uk](http://www.allvalves.co.uk)

E [sales@allvalves.co.uk](mailto:sales@allvalves.co.uk)

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## SERIES: 20005

MANUFACTURER:



Temperature				Pressure			
EPDM	NBR	PTFE	FKM	EPDM	NBR	PTFE	FKM
-10°C to 120°C	-10°C to 80°C	-10°C to 120°C	-10°C to 140°C	PN16 1" to 16"	PN16 1" to 16"	PN16	PN16 1" to 16"
				PN10 18" to 24"	PN10 18" to 24"		PN10 18" to 24"

### Valves Options



SERIES 20007

NBR LINER



OIL



SERIES 20011

PTFE LINER

PRESSURE / TEMPERATURE



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