WESTAD CRYOSEAL 2X™ TORQUE

Double Offset High Performance Butterfly Valve for Cryogenic Services

METAL SEAL - HELICOFLEX

ANSI Class 150 / 300
ISO PN 10 / 16 / 20 / 25 / 40 / 50

0 - 50 bar ΔP

0 -10 bar ΔP			Torque **Nm** *			
DN	NPS	Pressure	BTO	Running/ETO	BTC	ETC
80	3"	0-10 bar	210	105	116	189
100	4"	0-10 bar	250	125	138	225
150	6"	0-10 bar	400	200	220	360
200	8"	0-10 bar	950	475	523	855
250	10"	0-10 bar	1300	650	715	1170
300	12"	0-10 bar	1800	900	990	1620
350	14"	0-10 bar	3000	1500	1650	2700
400	16"	0-10 bar	4000	2000	2200	3600
450	18"	0-10 bar	5200	2600	2860	4680
500	20"	0-10 bar	6000	3000	3300	5400
550	22"	0-10 bar	7400	3700	4070	6660
600	24"	0-10 bar	8500	4250	4675	7650
650	26"	0-10 bar	8500	4250	4675	7650
700	28"	0-10 bar	10000	5000	5500	9000
750	30"	0-10 bar	11000	5500	6050	9900
800	32"	0-10 bar	11000	5500	6050	9900

16 bar ΔP			Torque **Nm** *			
DN	NPS	Pressure	BTO	Running/ETO	BTC	ETC
80	3"	16 bar	340	170	187	306
100	4"	16 bar	420	210	231	378
150	6"	16 bar	660	330	363	594
200	8"	16 bar	1250	625	688	1125
250	10"	16 bar	1710	855	941	1539
300	12"	16 bar	2450	1225	1348	2205
350	14"	16 bar	4300	2150	2365	3870
400	16"	16 bar	5700	2850	3135	5130
450	18"	16 bar	7000	3500	3850	6300
500	20"	16 bar	7580	3790	4169	6822
550	22"	16 bar	8950	4475	4923	8055
600	24"	16 bar	10800	5400	5940	9720
650	26"	16 bar	10800	5400	5940	9720
700	28"	16 bar	14000	7000	7700	12600
750	30"	16 bar	16200	8100	8910	14580
800	32"	16 bar	16200	8100	8910	14580

20 bar ΔP			Torque **Nm** *			
DN	NPS	Pressure	BTO	Running/ETO	BTC	ETC
80	3"	20 bar	400	200	220	360
100	4"	20 bar	470	235	259	423
150	6"	20 bar	750	375	413	675
200	8"	20 bar	1500	750	825	1350
250	10"	20 bar	2100	1050	1155	1890
300	12"	20 bar	3000	1500	1650	2700
350	14"	20 bar	5600	2800	3080	5040
400	16"	20 bar	7000	3500	3850	6300
450	18"	20 bar	8600	4300	4730	7740
500	20"	20 bar	9100	4550	5005	8190
550	22"	20 bar	10500	5250	5775	9450
600	24"	20 bar	13000	6500	7150	11700
650	26"	20 bar	13000	6500	7150	11700
700	28"	20 bar	17000	8500	9350	15300
750	30"	20 bar	20000	10000	11000	18000
800	32"	20 bar	20000	10000	11000	18000

50 bar ΔP			Torque **Nm** *			
DN	NPS	Pressure	BTO	Running/ETO	BTC	ETC
80	3"	50 bar	640	320	352	576
100	4"	50 bar	750	375	413	675
150	6"	50 bar	1200	600	660	1080
200	8"	50 bar	2400	1200	1320	2160
250	10"	50 bar	3360	1680	1848	3024
300	12"	50 bar	4800	2400	2640	4320
350	14"	50 bar	8900	4450	4895	8010
400	16"	50 bar	11200	5600	6160	10080
450	18"	50 bar	13760	6880	7568	12384
500	20"	50 bar	14500	7250	7975	13050
550	22"	50 bar	16800	8400	9240	15120
600	24"	50 bar	20800	10400	11440	18720
650	26"	50 bar	20800	10400	11440	18720
700	28"	50 bar	27000	13500	14850	24300
750	30"	50 bar	32000	16000	17600	28800
800	32"	50 bar	32000	16000	17600	28800

*20% safety margin included in torque figures
Other sizes and pressure ratings on request

Subject to change without notice

...with confidence

KLINGER Industrial Products India Pvt. Ltd. #6 Tarana, 1st Floor, GoodEarth Malhar, Kambipura, Kengeri, Bengaluru 560074, Karnataka, India. Tel +91 8618523021 / +91 80 2990 9572 / e-mail: info@klinger.in

www.klinger.in

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