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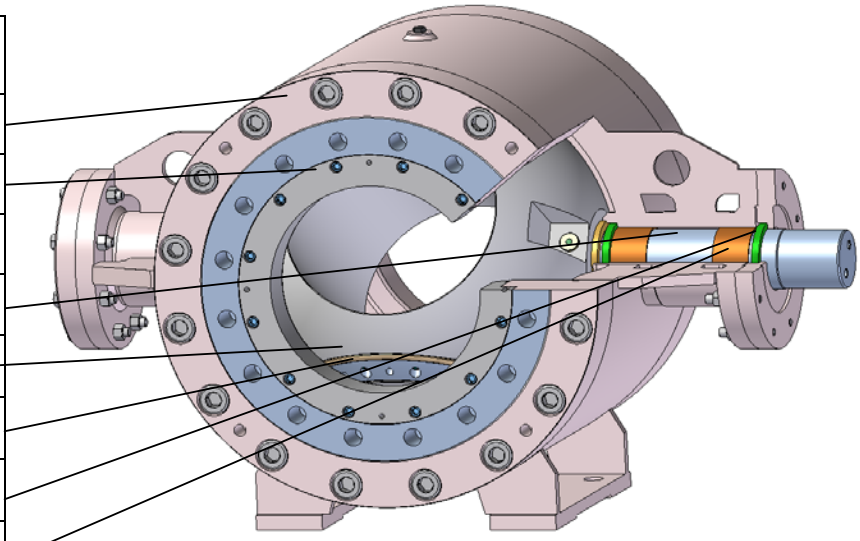
Ball valve Type BLV-3P
DN150(6”)-1200(47”) PN25-100

Description:

BLV-3P ball valves are of heavy, forged design. Double eccentric positioning of the rotor permits smooth raising and resetting of the rotor-seal from/on the sealing surface.
BLV-3P valves have double sealing system on the shafts and special profile of the rotor seal for positive, long term tightness.
With standard seals materials BLV-3P valves may be used in liquid and gaseous service for temperatures up to 150°C.

Main materials:

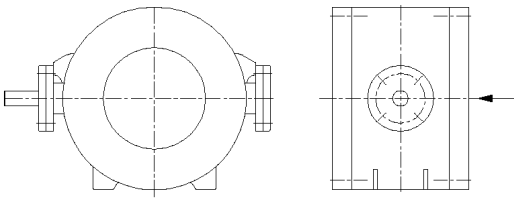
Parts	Type standard
Body	carbon steel
Seat ring	stainless steel
Rotor	carbon steel
Shaft	stainless steel
Main sealing	Buna N / polyurethane
Clamping ring	stainless steel
Seals	Novothan Buna N (rubber)
Bushings	sidle bushing



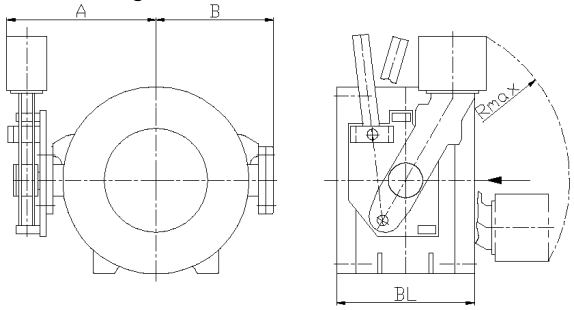
Other materials are available upon request
Painting for standard valves- epoxy coating

General design:

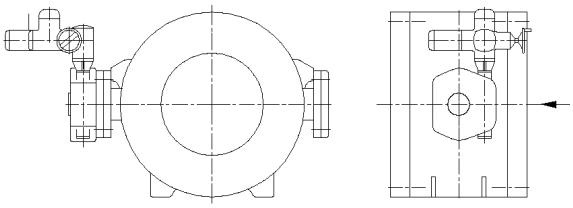
1. Bare shaft



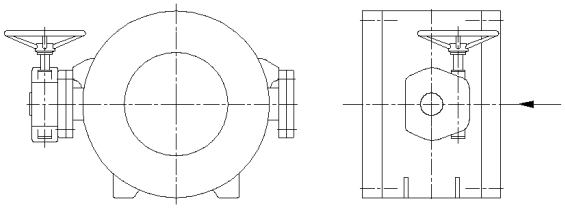
2. Counterweight and servomotor



3. Worm gear unit + Electric actuator



4 Worm gear unit + Handwheel



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Ball valve Type BLV-3P
DN150(6”)-1200(47”) PN25-100

Dimensions and weights for standard range of BLV-3P ball valves (other sizes and pressure ratings are available upon request).

DN	BL	PN25					PN40					PN64					PN100				
		A	B	R max	Weight drive 2	Weight drive 3	A	B	R max	Weight drive 2	Weight drive 3	A	B	R max	Weight drive 2	Weight drive 3	A	B	R max	Weight drive 2	Weight drive 3
[mm]	[mm]	[mm]	[mm]	[mm]	[kG]	[kG]	[mm]	[mm]	[mm]	[kG]	[kG]	[mm]	[mm]	[mm]	[kG]	[kG]	[mm]	[mm]	[mm	[kG]	[kG]
150	350	560	360	480	520	430	560	360	660	565	450	560	360	800	590	450	560	360	980	790	465
200	420	620	420	580	800	730	620	420	860	965	730	620	420	800	965	745	620	420	980	1065	770
250	470	650	450	660	930	830	650	450	980	1030	840	650	450	860	1070	840	650	450	1100	1160	890
300	500	680	510	860	1200	980	680	510	1200	1330	1010	680	510	980	1400	1010	680	510	1550	1700	1055
350	640	840	640	860	2200	1990	840	640	1400	2590	2010	840	640	980	2760	2060	840	640	1550	2890	2120
400	690	900	700	980	2800	2470	900	700	1550	3160	2500	900	700	1100	3330	2590	900	700	1650	4360	2600
450	730	970	770	1200	3300	3030	970	770	1550	3900	3070	970	770	1200	4230	3140	970	770	1650	4900	3240
500	830	1085	845	1400	4200	3630	1085	845	1650	5490	3730	1085	845	1550	5850	3820	1085	845	1800	6700	3835
600	980	1140	900	1550	6200	5850	1140	900	1650	7700	5930	1140	900	1650	8200	6000	1140	900	1800	9000	6300
700	1130	1185	985	1550	9000	8250	1185	985	1650	10000	8340	1185	985	1800	11350	8620	1185	985			
800	1290	1890	1090	1650	13000	11350	1890	1090	1800	14000	11530	1890	1090			11660	1890	1090			
900	1440	2075	1175	1650	17300	15660	2075	1175			15930	2075	1175			15960	2075	1175			

Flange in accordance with ISO / DIN
Flanges in accordance with ANSI and MSS available upon request
Dimensions and weights are preliminary only. Final dimensions and weights will be established after detail design of each valve is completed.