

**max. permissible closing pressures** with flow direction against the closing direction of the plug and  $P_2 = 0$  (Observe regulations, see page 11)

DN		15	20	25	32	40	50	65	80	100	
Seat-Ø	(mm)	21	21	27	31	41	51	66	81	101	
Standard Kvs-values	(m <sup>3</sup> /h)	4	6,3	10	16	25	40	63	100	160	
Reduced Kvs-values <sup>3)</sup>	(m <sup>3</sup> /h)	2,5	4; 2,5	6,3	10	16	25	40	63	100	
Stroke	(mm)	20						30			
Actuator <sup>1)</sup> <b>ARI-PREMIO 2,2 kN</b>	Closing pressure (bar)	I.	40	40	30,7	23,1	12,7	7,9	4,3	2,6	1,5
		II.	40	40	28,7	21,6	11,9	7,4	3,8	2,3	1,3
		III.	30,7	30,7	27,1	20,3	10,6	6,5	3,5	2,1	1,1
	Operating time <sup>2)</sup>	(s)	53						79		
Actuator <sup>1)</sup> <b>ARI-PREMIO 5 kN</b>	Closing pressure (bar)	I.			40	40	33,1	21,2	12,3	7,9	4,9
		II.			40	40	32,3	20,6	11,8	7,6	4,7
		III.	40	40	40	40	31	19,8	11,5	7,4	4,6
	Operating time <sup>2)</sup>	(s)	53						79		
Actuator <sup>1)</sup> <b>ARI-PREMIO 12 kN</b>	Closing pressure (bar)	I.					40	40	32,2	21,2	13,5
		II.					40	40	31,8	20,9	13,3
		III.					40	40	31,5	20,7	13,1
	Operating time <sup>2)</sup>	(s)					26		39		
Actuator <sup>1)</sup> <b>ARI-PREMIO 15 kN</b>	Closing pressure (bar)	I.						40	26,8	17,1	
		II.						40	26,5	16,9	
		III.						40	26,3	16,8	
	Operating time <sup>2)</sup>	(s)							77		
<b>I. Fig. 440: PTFE-V-ring unit;</b>		<b>II. Fig. 440: Pure graphite packing;</b>				<b>III. Fig. 441: Bellow seal</b>					

<sup>1)</sup> Motor voltage: 230V 50Hz  
 Other voltages: 24V 50/60Hz; 115V 50/60Hz; 230V 60Hz  
 Technical data for actuator see data sheet ARI-PREMIO

<sup>2)</sup> The indicated operating times are valid for the frequency 50 Hz

<sup>3)</sup> Other Kvs-value-reductions are possible with Fig. 445 / 446 Stainless steel body with screwed seating (see page 10).

<sup>4)</sup> Max. permissible closing pressures on request.