



## ARI Control valve two way fig. 2832 series 22.448 cast iron nodular electric flange

### Characteristics

**Serie:** 22.448  
**Type:** 2832  
**Housing material:** Ductile cast iron  
**Material quality:** EN-JS1049  
**Connection:** Flange  
**Standard connection:** EN 1092-1/02  
**Ground characteristic:** Equal percentage  
**Plug:** Parabolic cone  
**Control range:** 50:1  
**Leakage class:** IV EN60534-4  
**Material bonnet:** 1.0619+N  
**Material cone:** 1.4021  
**Seat material:** 1.4021  
**Spindle material:** 1.4021  
**Secondary spindle seal material:** PTFE  
**Bonnet gasket material:** Graphite  
**Medium temperature:** -10 / 220 °C  
**Ambient temperature:** -20 / 70 °C

### Characteristics [2]

**Surface protection:** Paint min. 30 µm  
**Type of actuator:** Electrical  
**Zero-pressure return flow:** None  
**Max. electric power input:** 65 VA  
**Control signal:** Three-point / 0 - 10 V / 4-20 mA  
**With feedback signal:** No  
**Level of protection (IP value):** IP65  
**With end contacts:** No  
**Position indicator:** Yes  
**Manual operation:** Yes

DN [mm]	L	H (Premio)		A (Premio)		
		2,2 kN	5 kN	15 kN	,2/5 kN	15 kN
15	130	496	496	-	171	-
20	150	496	496	-	171	-
25	160	511	511	-	171	-
32	180	511	511	-	171	-
40	200	526	526	-	171	-
50	230	533	533	-	171	-
65	290	-	550	667	171	210
80	310	-	572	689	171	210
100	350	-	588	705	171	210

Nominal inner diameter	Connection size	Pressure rating flange	Kvs value	Stroke mm	Stem seal type	Type of drive	Adjusting force kN	Supply voltage	Operating time s	Article
DN15	DN15	PN40	0.16	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325015-E9NAX002
DN15	DN15	PN40	0.25	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325015-E9NAX003
DN15	DN15	PN40	0.4	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EINAX000
DN15	DN15	PN40	0.63	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325015-E2NAX000

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Nominal inner diameter	Connection size	Pressure rating flange	Kvs value	Stroke	Stem seal type	Type of drive	Adjusting force	Supply voltage	Operating time	Article
				mm			kN		s	
DN15	DN15	PN40	1	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325015-EANAX000
DN15	DN15	PN40	1.6	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325015-EBNAX000
DN15	DN15	PN40	2.5	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325015-ECNAX000
DN15	DN15	PN40	4	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325015-EDNAX000
DN20	DN20	PN40	0.1	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325020-E9NAX001
DN20	DN20	PN40	0.16	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325020-E9NAX002
DN20	DN20	PN40	0.25	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325020-E9NAX003
DN20	DN20	PN40	0.4	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325020-E1NAX000
DN20	DN20	PN40	0.63	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325020-E2NAX000
DN20	DN20	PN40	1	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325020-EANAX000
DN20	DN20	PN40	1.6	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325020-EBNAX000
DN20	DN20	PN40	2.5	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325020-ECNAX000
DN20	DN20	PN40	4	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325020-EDNAX000
DN20	DN20	PN40	6.3	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325020-EENAX000
DN25	DN25	PN40	0.1	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-E9NAX001
DN25	DN25	PN40	0.16	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-E9NAX002
DN25	DN25	PN40	0.25	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-E9NAX003
DN25	DN25	PN40	0.4	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-E1NAX000
DN25	DN25	PN40	0.63	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-E2NAX000
DN25	DN25	PN40	1	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-EANAX000
DN25	DN25	PN40	1.6	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-EBNAX000
DN25	DN25	PN40	2.5	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-ECNAX000
DN25	DN25	PN40	4	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-EDNAX000
DN25	DN25	PN40	6.3	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-EENAX000
DN25	DN25	PN40	10	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325025-EFNAX000
DN32	DN32	PN40	1	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325032-EANAX000
DN32	DN32	PN40	1.6	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325032-EBNAX000
DN32	DN32	PN40	2.5	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325032-ECNAX000
DN32	DN32	PN40	4	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325032-EDNAX000
DN32	DN32	PN40	6.3	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325032-EENAX000
DN32	DN32	PN40	10	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC028325032-EFNAX000
DN32	DN32	PN40	16	15	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC028325032-EGNAX000
DN32	DN32	PN40	16	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC028326032-EGNAX000
DN40	DN40	PN40	6.3	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC02832504-0EENAX000

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Nominal inner diameter	Connection size	Pressure rating flange	Kvs value	Stroke	Stem seal type	Type of drive	Adjusting force	Supply voltage	Operating time	Article
				mm						
DN40	DN40	PN40	10	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC02832504-OEFNAX000
DN40	DN40	PN40	16	15	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832504-OEGNAX000
DN40	DN40	PN40	16	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832604-OEGNAX000
DN40	DN40	PN40	25	15	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832504-OEHNAX000
DN40	DN40	PN40	25	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832604-OEHNAX000
DN50	DN50	PN40	10	10	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	10s / 21s / 26s / 40s	EC02832505-OEFNAX000
DN50	DN50	PN40	16	15	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832505-OEGNAX000
DN50	DN50	PN40	16	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832605-OEGNAX000
DN50	DN50	PN40	25	15	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832505-OEHNAX000
DN50	DN50	PN40	25	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832605-OEHNAX000
DN50	DN50	PN40	40	15	Roof cuffs	Premio-plus 2,2	2.2	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832505-OEJNAX000
DN50	DN50	PN40	40	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832605-OEJNAX000
DN65	DN65	PN25	16	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC028326065-OEGNAX000
DN65	DN65	PN25	25	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC028326065-OEHNAX000
DN65	DN65	PN25	40	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC028326065-OEJNAX000
DN65	DN65	PN25	63	20	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	20s / 43s / 53s / 80s	EC028326065-OEKNAX000
DN65	DN65	PN25	63	20	Roof cuffs	Premio-plus 15	15	90-264 VAC / 127-370 VDC	25s / 53s / 65s / 100s	EC02832R065-OEKNAX000
DN80	DN80	PN25	25	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832608-OEHNAX000
DN80	DN80	PN25	40	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC02832608-OEJNAX000
DN80	DN80	PN25	63	20	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	20s / 43s / 53s / 80s	EC02832608-OEKNAX000
DN80	DN80	PN25	63	20	Roof cuffs	Premio-plus 15	15	90-264 VAC / 127-370 VDC	25s / 53s / 65s / 100s	EC02832R08-OEKNAX000
DN80	DN80	PN25	100	25	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	25s / 53s / 66s / 100s	EC02832608-OELNAX000
DN80	DN80	PN25	100	25	Roof cuffs	Premio-plus 15	15	90-264 VAC / 127-370 VDC	32s / 66s / 81s / 125s	EC02832R08-OELNAX000
DN100	DN100	PN25	40	15	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	15s / 32s / 39s / 60s	EC028326100-OEJNAX000
DN100	DN100	PN25	63	20	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	20s / 43s / 53s / 80s	EC028326100-OEKNAX000
DN100	DN100	PN25	100	25	Roof cuffs	Premio-plus 5	5	90-264 VAC / 127-370 VDC	25s / 53s / 66s / 100s	EC028326100-OELNAX000
DN100	DN100	PN25	100	25	Roof cuffs	Premio-plus 15	15	90-264 VAC / 127-370 VDC	32s / 66s / 81s / 125s	EC02832R100-OELNAX000
DN100	DN100	PN25	160	30	Roof cuffs	Premio-plus 15	15	90-264 VAC / 127-370 VDC	38s / 79s / 97s / 150s	EC02832R100-EMNAX000

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