RTZ-*/0.4MK(Q) Series Gas Pressure Regulator

Shut-Off & Relief Integrated



MAIN TECHNICAL PARAMETERS

Nominal Size (DN) **DN50 (valve port diameters 20/25/30 mm)**	Construction Type **Direct-acting (toothed-lever design; built-in shut-off and relief)**
Max. Inlet Pressure **0.4 MPa**	Outlet Pressure Range **1.5~50 KPa**
Accuracy Class **AC2.5**	Lock-up Pressure Class **SG5**
Operating Temperature **-20℃~+60℃**	Connection Type **Flanged**
Applicable Medium **Natural gas, manufactured gas, LPG, mine gas, oil gas and other non-corrosive gases**	Safety Configuration **Built-in overpressure auto shut-off + safety relief (self-contained, no additional devices required)**

PRODUCT FEATURES

- Direct-acting with toothed-lever design; high regulation accuracy and large flow capacity
- Safety shut-off and built-in safety relief devices provide high actuation accuracy and fast response; no separate shut-off valve or relief device is required
- Can be assembled into box-type/cabinet-type regulating equipment and regulating stations
- Built-in safety shut-off device needs no external energy supply, operating on the pipeline's own pressure
- Simple structure, convenient maintenance, serviceable online

Flow Capacity

Unit m^3/h · Standard-condition flow

Outlet ↓ Inlet →	Inlet Pressure (kPa)													
	Outlet (MPa)	1.5	2	3	5	8	10	15	20	25	30	35	40	45
0.05	150	150	148	146	142	139	132	124	119	103	91	75	54	—
0.07	224	183	182	180	177	175	170	164	157	150	142	133	123	111
0.1	230	230	229	228	225	224	220	215	211	206	200	194	188	181
0.12	259	259	258	257	255	254	250	247	243	238	234	229	224	218
0.15	303	302	302	301	299	298	295	292	289	285	281	278	273	269
0.18	345	344	344	343	342	341	338	336	333	330	327	323	320	316
0.2	372	372	372	371	369	368	366	364	361	358	356	353	350	346
0.22	399	399	399	398	397	396	394	392	389	387	384	381	379	376
0.25	440	440	440	439	438	437	435	433	431	429	427	424	422	419
0.28	481	481	480	480	478	478	476	475	473	471	469	466	464	462
0.3	508	508	507	507	506	505	503	502	500	498	496	494	492	489
0.32	535	535	534	534	533	532	531	529	527	525	524	522	520	518
0.35	575	575	575	574	573	573	571	570	568	566	565	563	561	559
0.4	642	641	641	641	640	640	638	637	635	634	632	631	629	627

Note: rows = inlet pressure (MPa); columns = outlet pressure (kPa), as per the original table. Shown for valve-orifice size 20 mm.

Standard Price	MOQ	Monthly Capacity	Lead Time
On request · Final quotation to prevail	**On request · Final quotation to prevail**	**On request · Final quotation to prevail**	**On request · Final quotation to prevail**

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