

# NITROGEN-COMPRESSORS



**J.A. Becker & Söhne**

Lifetime business partner

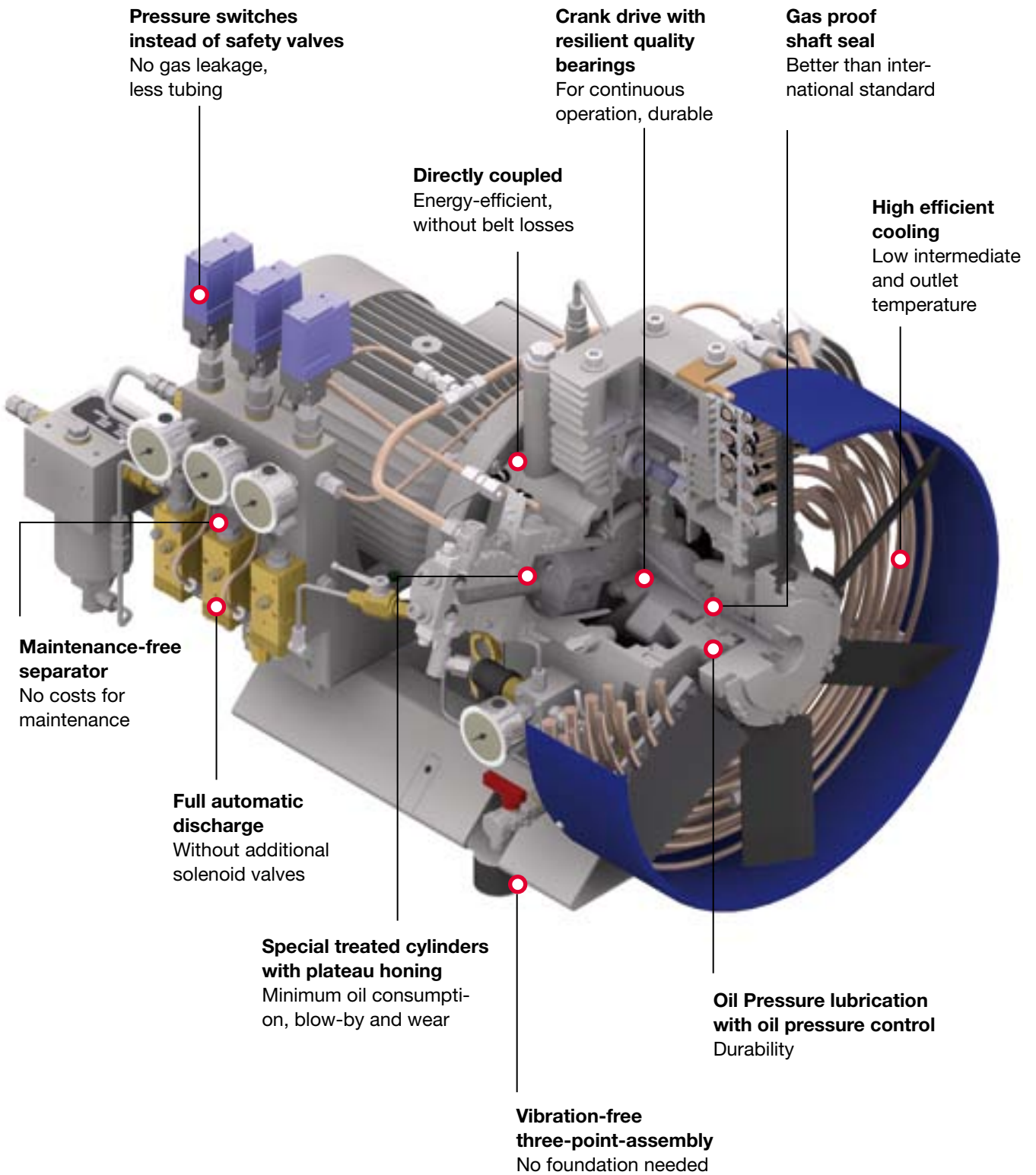


flow rate: 7,6 – 172 m<sup>3</sup>/h

working pressure: 20 – 350 bar



# NITROGEN-COMPRESSORS



MADE IN GERMANY

# COMPRESSOR CONTROL

- Easy and intuitive user interface
- Illuminated LCD-display
- Monitoring and control of all relevant parameters
- Automatic notification of service intervals
- Automatic intermediate discharge
- Star/Delta-start
- Start/Stop-Remote Control
- 220V outlet for optional accessories (e.g. heating)
- Potential free contacts:
  - Compressor in operation
  - Error message
  - Stand by
- Oil pressure control
- Temperature control at high pressure outlet
- PTC thermistor control
- Motor overload protection
- Emergency stop
- Main switch
- Interfaces:
  - RS 485 (standard)
  - Profibus DP (optional)
- Automatic restart after power failure
- Fault memory
- Actuation of drain valve (optional)



## OUR PRODUCT RANGE

- Compression of all inert gases (e.g. helium, nitrogen, argon)
- Compression of explosive gases (CNG, Bio-CNG, hydrogen)
- Accessories:
  - Dryer unit (adsorption/refrigeration)
  - Filtration
  - Receiver
  - High-pressure storage
  - Fittings
- Sound-insulated compressors
- Plug & Play units
- System control
- Consulting and support from project start to commissioning
- System planning
- Special projects and applications
- Service
- Compressors designed for hardest working conditions

# TECHNICAL DATA

# NITROGEN-COMPRESSORS

Type	inlet pressure		free gas delivery			working pressure		stages	cylinders	electric motor	revolutions	weight	length	width	height
	bar	PSI	l/min	m³/h	cfm	bar	PSI								
SV 125/40 N	0,1 0,3	1,3 4	127 150	7,6 9	4,5 5,3	40	580	2	2	2,6	1000	107	650	495	520
SV 245/40 N	0,1 0,3	1,3 4	245 290	14,7 17,4	8,7 10,2	40	580	2	2	4,8	1500	115	650	540	560
SV 500/40 N	0,1 0,3	1,3 4	512 605	30,7 36,3	18,1 21,4	40	580	2	2	11	1500	200	850	640	670
SV 1100/40 N	0,1 0,3	1,3 4	1117 1320	67 79,2	37,5 46,6	40	580	3	3	22	1500	410	1300	950	950
SV 2400/40 N	0,1 0,3	1,3 4	2437 2880	146,2 172,8	86,1 101,6	40	580	3	4	37	1500	670	1570	1080	1085
SV 225/350 N	0,1 0,5	1,3 7	224 305	13,4 18	7,9 10,8	350	5075	3	3	7,5	1500	184	800	630	610
SVC 450/350 N	0,1 0,4	1,3 6	424 540	25,4 32	15 19,1	350	5075	4	4	15	1500	320	1195	775	830
SVD 600/350 N	0,1 0,4	1,3 6	566 720	34 43	20 25,4	350	5075	4	4	18,5	1500	470	1205	890	925
SVD 700/350 N	0,1 0,4	1,3 6	684 870	41 52	24,2 30,7	350	5075	4	4	22	1500	510	1270	890	925
SVB 1100/350 N	0,1 0,3	1,3 4	1200 1300	66 78	38,9 45,9	350	5075	4	4	30	1500	600	1460	1050	1085
SVB 1300/350 N	0,1 0,3	1,3 4	1500 1807	90 108,4	53 63,9	350	5075	4	4	45	1500	750	1600	1030	1110
V5635/350 N	5,5	79,8	130	7,8	4,6	350	5075	3	3	4,5	1235	190	695	632	1175
V5635/350 N	5,5	79,8	250	15	8,8	350	5075	3	3	5,5	1220	190	695	632	1175
V5650/350 N	5,5	79,8	500	30	17,7	350	5075	3	3	7,5	1220	190	695	632	1175



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