

Corken Dry-running Piston Compressor Aggregates

Compressor-aggregate with oil free dry running piston type gas compressor PN 25, type Corken/NINNELT, for stationary systems, all fittings are connected by steel piping, aggregate with pressure gauges, oil pressure gauge, mechanical liquid separator, strainer, 4-way ball valve, drive belt clamping mechanism, drive belt, drive belt pulley for the drive motor, belt guard, Ex-proofed three phase motor 400/690 V 50 Hz, EEx e 11 T3, IP 54, Model B 3, both erected on a rigid mounting plate, ready for connection, fully welded, assembled, primed and painted, **with an inspection certificate 3.1.B according to EN 10 204 (DIN 50.049-3.1**

Design: with type tested safety valve 19 bar in the pressure piping

Compressor cylinder and cylinder head made of spheroid graphite iron ASTMA536

Version A = with a single piston rod seal
 Version B = with a double piston rod seal (D)

Order -Nr. Version A	type Corken/ NINNELT	Order -Nr. Version B	type Corken/ NINNELT
63330	91	63316	D 291
63306	291	63303	D 491
63311	491	63400	D 691
21064	691	63384	D 891



Technical Data

Compressor Typs	91	D291/291	D491/491	D691/691	D891/891
Connection: Single compressor (NPT – IG)	¾"	¾"	¼"	½"	2" ANSI
Complete aggregate (flange DIN)	20	25	32	40	50
Number of cylinders	2	2	2	2	2
Piston stroke (mm)	63,5	63,5	76,2	101,6	101,6
Maximum piston displacement (m³/h)	14,1	28,0	60,3	102,3	192,0
Minimum inlet pressure (bar)	0,21	0,21	0,21	0,21	0,21
Maximum operating pressure (bar)	24,1	24,1	24,1	24,1	32,1
RPM	790	790	790	790	790
Maximum power consumption (kW)	5,6	11	11	26,1	34
Maximum outlet temperature (°C)	177	177	177	177	177
Motor capacity (kW)	2,2	5,0	10	17,5	30
Weight (kg)	140	270	400	650	900
ANSI / DIN flange option	F91	F291	F491	F691	Not deliverable

Certificate for the pressure test / starting up

Hydrostatics test 52 bar, manufacturer's certificate for single compressor

TÜV-pressure testing the pipeline system 35 bar for complete unit

Commissioning compressor unit

Additional equipment and additional monitoring and control equipment to TRB on request

Electrical control cabinet for controlling the compressor unit on request