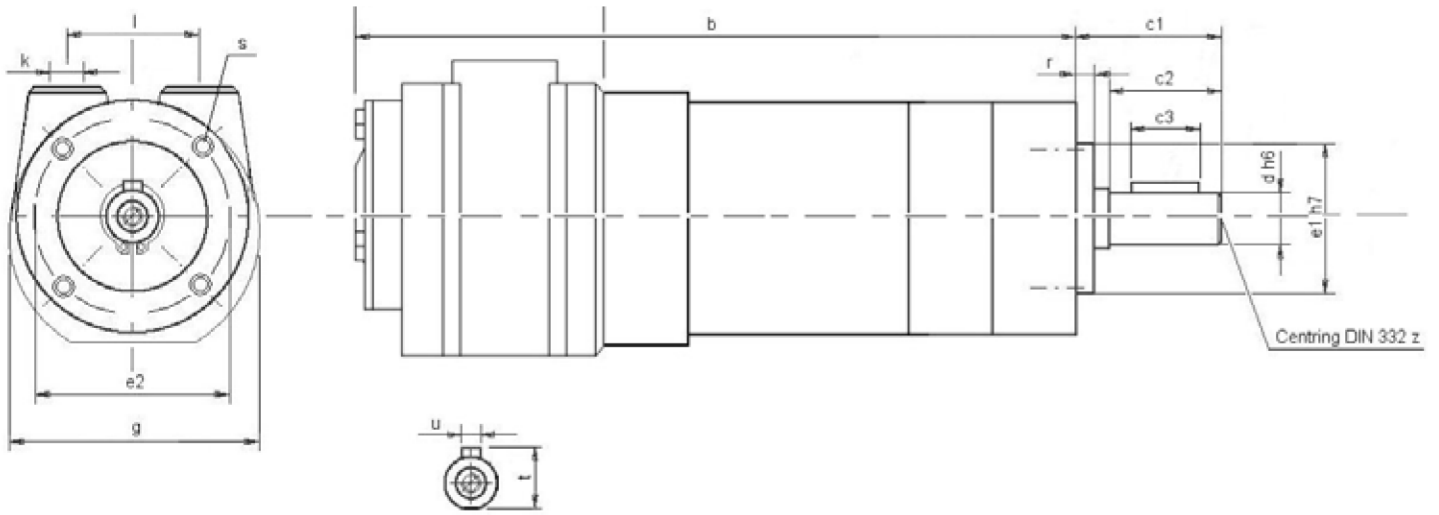
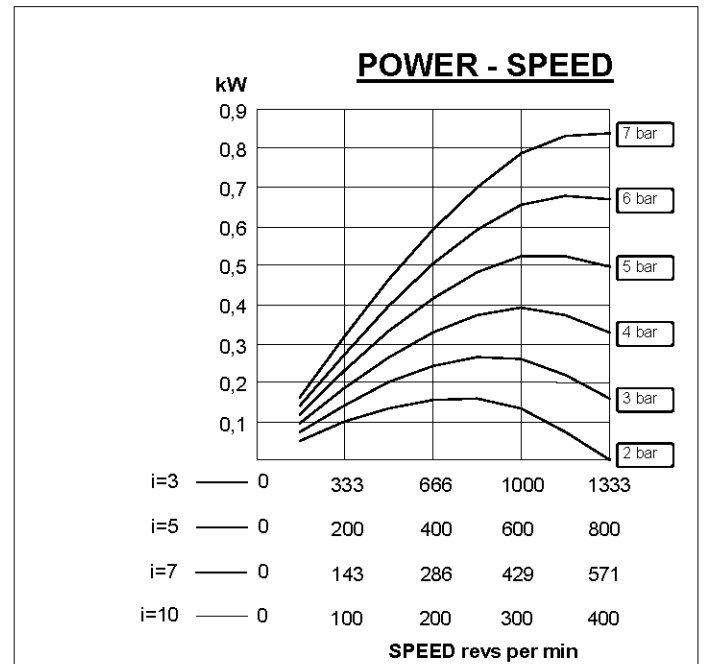
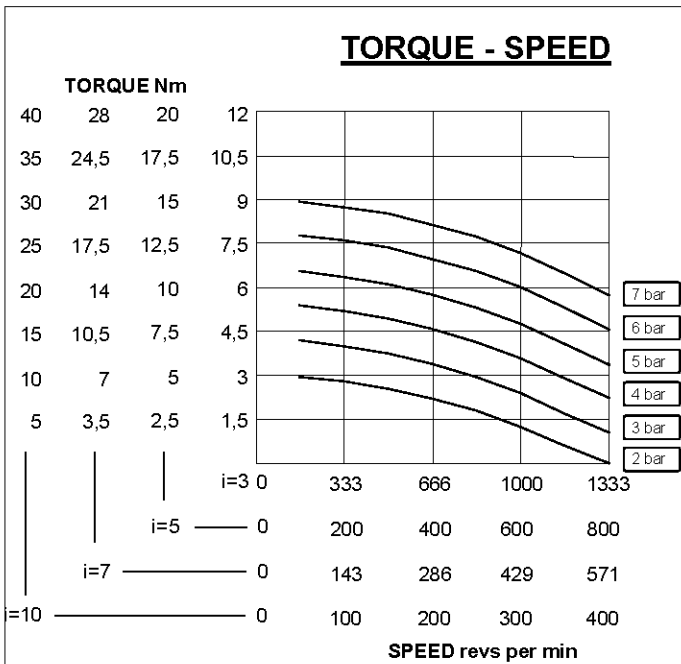


GLOBE VANE VA2 AIR MOTORS WITH PLANETARY GEARBOX

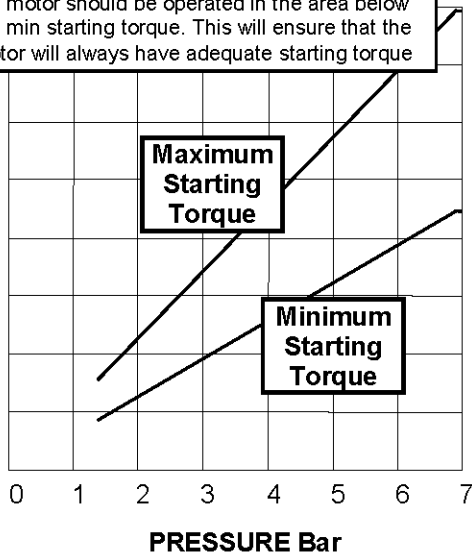


Motor	l	a	b	c1	c2	c3	d	e1	e2	f	g	k	l	r	s	t	u	v	w	z
VA2PFG01	3 5 7 10	72	174	39	30	25	14 k6	40 h7	52	65	102	3/8"NPT	55	8	M5x10	16	5	4,2	4	DM5
VA2PFG04	16 20 28 40 50	72	227	49	40	32	20k6	55h7	70	85	102	3/8"NPT	55	8	M6x12	22,5	6	8,3	6	DM6
VA2PFG06	70 100	72	254	61	50	40	25 k6	80 h7	100	120	102	3/8"NPT	55	10	M10x20	28,0	8	43	6	DM10
VA2PFG08 On request	120 160 200	72	308	95	80	70	40 k6	110 h7	130	155	102	3/8"NPT	55	14	M10x20	43,0	12	43	6	DM16



TORQUE - PRESSURE

When designing for applications where the minimum start torque requirement is equal to the running torque (as for example on hoists), the motor should be operated in the area below the min starting torque. This will ensure that the motor will always have adequate starting torque



	TORQUE Nm			
40	28	20	12	
35	24,5	17,5	10,5	
30	21	15	9	
25	17,5	12,5	7,5	
20	14	10	6	
15	10,5	7,5	4,5	
10	7	5	3	
5	3,5	2,5	1,5	
	i=10	i=7	i=5	i=3

STARTING TORQUE will vary between the minimum and maximum levels shown. The actual starting torque will depend on the air inlet pressure and the motor crank position.

Muffler supplied with motor.

Motor is reversible.

ATTITUDE

The motor can be operated in all positions.

Maximum temperature +20°C to +80°C
(-4°F to -176°F).

Maximum radial load: 930 N

Maximum axial load: 1080 N

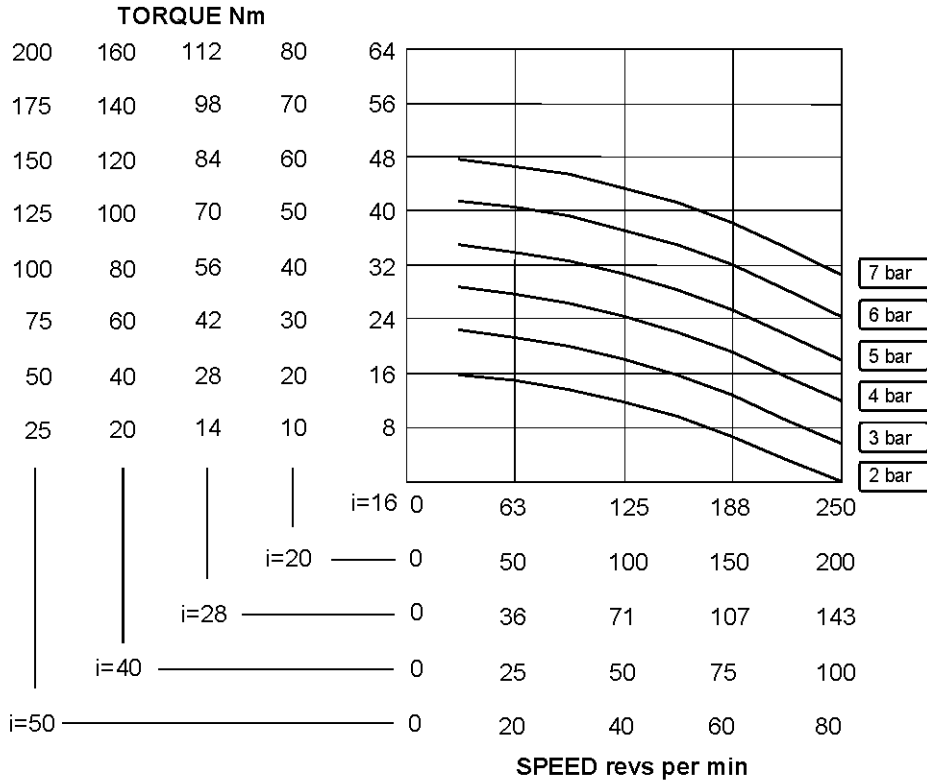
AIRLINE FILTRATION AND LUBRICATION

Use 64 micron filtration or better. Choose a lubricator suitable for the flow required. Prior to initial start-up, inject oil into the inlet port.

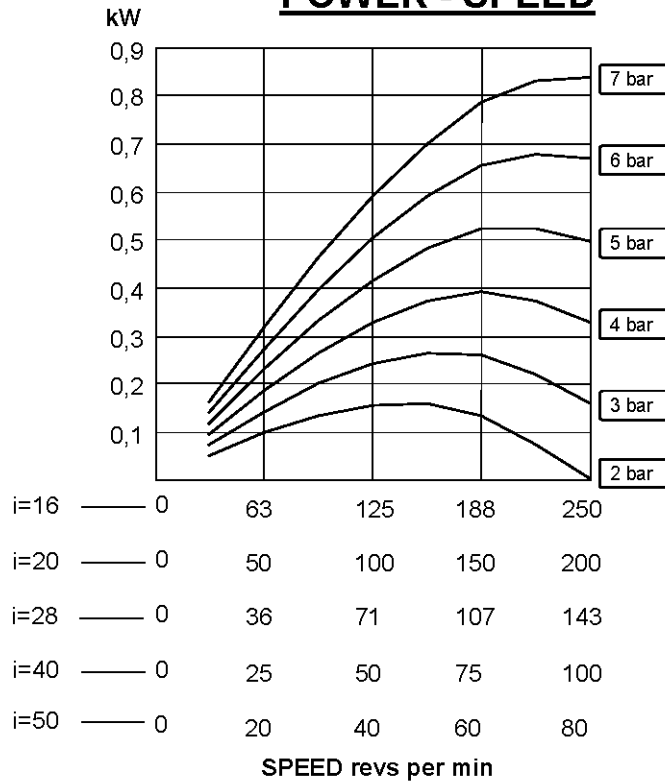
Lubricator drop rate 4-5 drops/minute continuous operation

Lubricator drop rate 9-12 drops/minute intermittent operation

TORQUE - SPEED

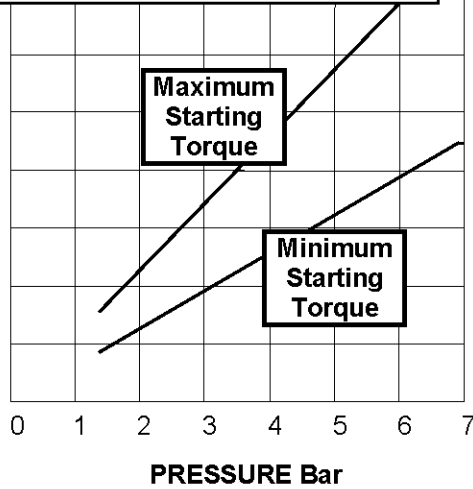


POWER - SPEED



TORQUE - PRESSURE

When designing for applications where the minimum start torque requirement is equal to the running torque (as for example on hoists), the motor should be operated in the area below the min starting torque. This will ensure that the motor will always have adequate starting torque



	TORQUE Nm				
200	160	112	80	64	
175	140	98	70	56	
150	120	84	60	48	
125	100	70	50	40	
100	80	56	40	32	
75	60	42	30	24	
50	40	28	20	16	
25	20	14	10	8	
	i=50	i=40	i=28	i=20	i=16

STARTING TORQUE will vary between the minimum and maximum levels shown. The actual starting torque will depend on the air inlet pressure and the motor crank position.

Muffler supplied with motor.

Motor is reversible.

ATTITUDE

The motor can be operated in all positions.

Maximum temperature +20°C to +80°C
(-4°F to -176°F).

Maximum radial load: 1770 N

Maximum axial load: 2180 N

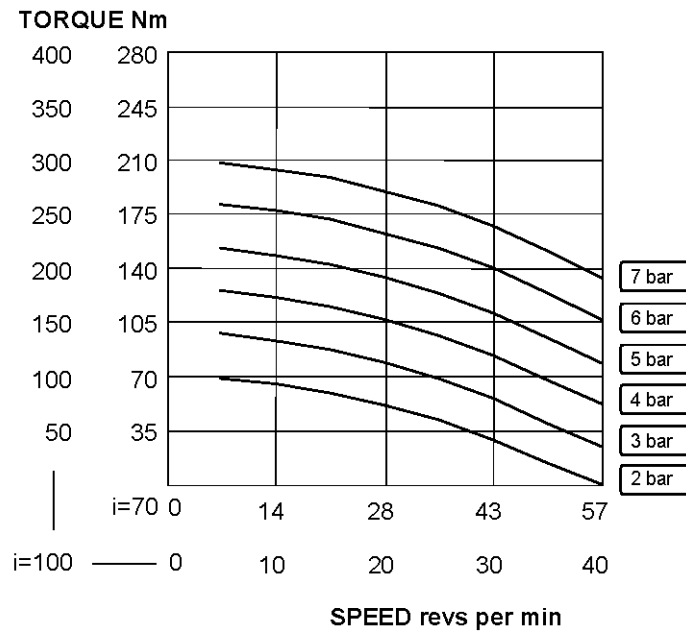
AIRLINE FILTRATION AND LUBRICATION

Use 64 micron filtration or better. Choose a lubricator suitable for the flow required. Prior to initial start-up, inject oil into the inlet port.

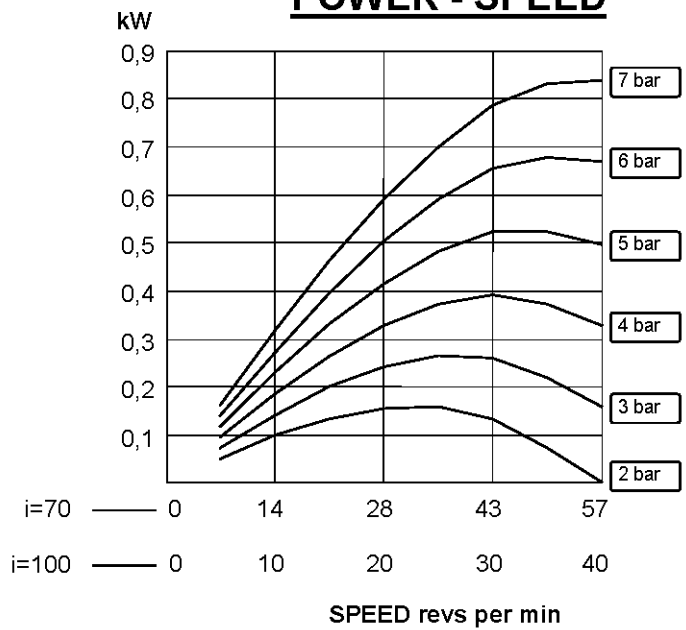
Lubricator drop rate 4-5 drops/minute continuous operation

Lubricator drop rate 9-12 drops/minute intermittent operation

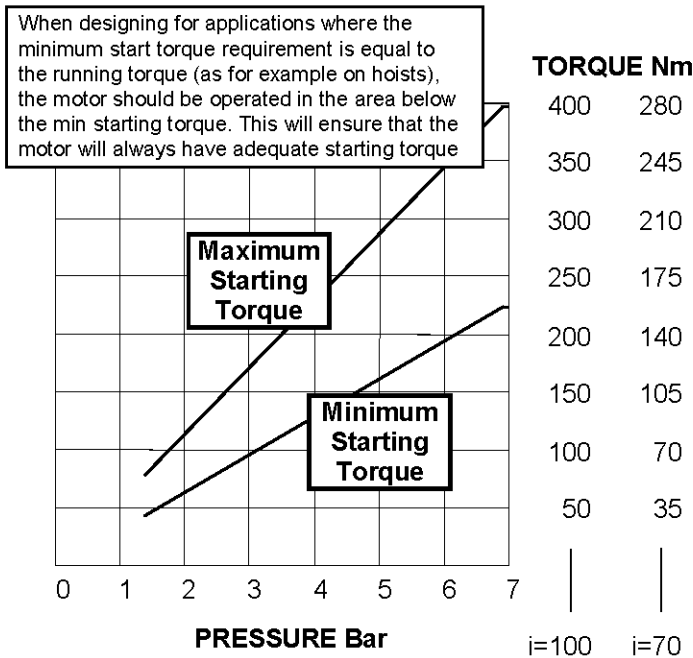
TORQUE - SPEED



POWER - SPEED



TORQUE - PRESSURE



Muffler supplied with motor.

Motor is reversible.

ATTITUDE

The motor can be operated in all positions.

Maximum temperature +20°C to +80°C
(-4°F to -176°F).

Maximum radial load: 3000 N

Maximum axial load: 3730 N

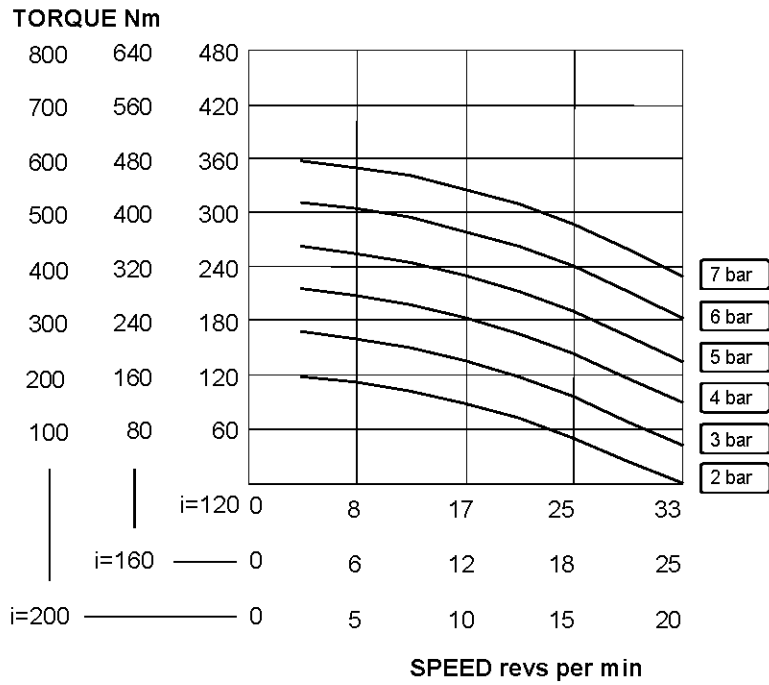
AIRLINE FILTRATION AND LUBRICATION

Use 64 micron filtration or better. Choose a lubricator suitable for the flow required. Prior to initial start-up, inject oil into the inlet port.

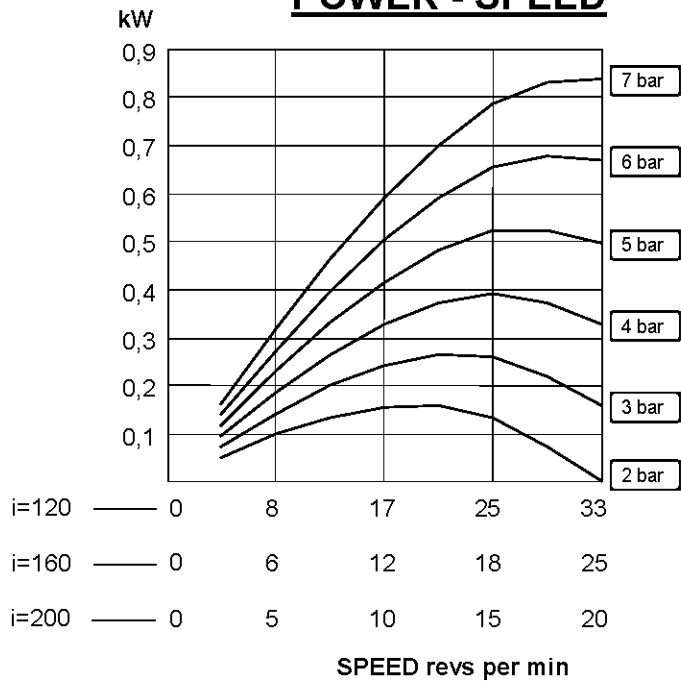
Lubricator drop rate 4-5 drops/minute continuous operation

Lubricator drop rate 9-12 drops/minute intermittent operation

TORQUE - SPEED

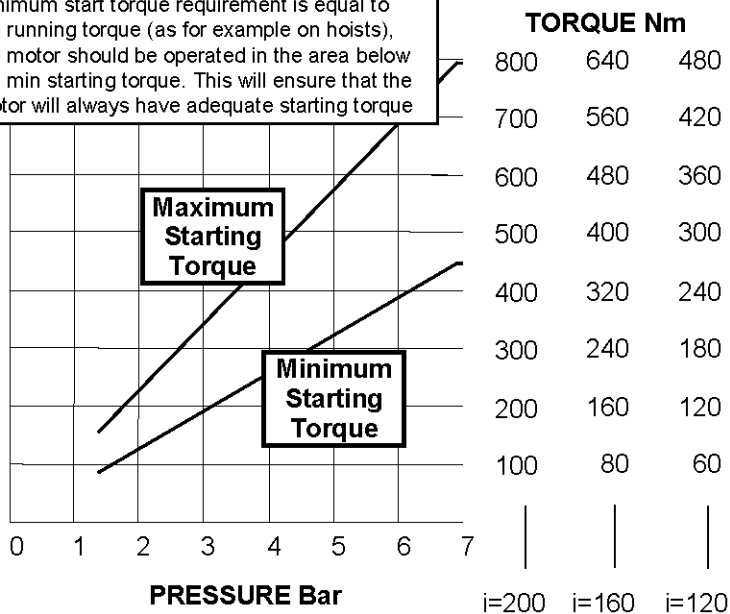


POWER - SPEED



TORQUE - PRESSURE

When designing for applications where the minimum start torque requirement is equal to the running torque (as for example on hoists), the motor should be operated in the area below the min starting torque. This will ensure that the motor will always have adequate starting torque



STARTING TORQUE will vary between the minimum and maximum levels shown. The actual starting torque will depend on the air inlet pressure and the motor crank position.

Muffler supplied with motor.

Motor is reversible.

ATTITUDE

The motor can be operated in all positions.

Maximum temperature +20°C to +80°C
(-4°F to -176°F).

Maximum radial load: 8770 N

Maximum axial load: 7730 N

AIRLINE FILTRATION AND LUBRICATION

Use 64 micron filtration or better. Choose a lubricator suitable for the flow required. Prior to initial start-up, inject oil into the inlet port.

Lubricator drop rate 4-5 drops/minute continuous operation

Lubricator drop rate 9-12 drops/minute intermittent operation