

KOMPRESÖR-MOTOR GENEL ÖZELLİKLERİ ATLAS COPCO(ZH10000-6-7 PL)

Kapasite	10.000 Nm ³ /h
Çıkış Basıncı	8 kg/cm ² (a)
Çıkış Sıcaklığı	40°C
Özdül Enerji Tüketimi(Tam Yükte)	0.0997 kwh/Nm ³ (±4)
Elektrik Enerji Tüketimi(Tam Yükte)	997 kw % ±4
Elektrik Enerji Tüketimi(%90Yükte)	860 kw
Elektrik Enerji Tüketimi(%80Yükte)	783 kw
Elektrik Enerji Tüketimi(%70Yükte)	711 kw
Debisi	5735 Nm ³ /h
Kompresör Çalışma Aralığı	%56 - %100
Gerekli Soğutma Suyu	88 m ³ /h
Kademe Devirleri(Sirasıyla 1.2.3.Kademe)	26459 d/d,26459 d/d,39638 d/d
Gürültü Seviyesi	72 dB
Vibrasyon(Sirasıyla 1.2. ve 3. Kademe)	27 μ , 27 μ , 23 μ
Malzeme(Gövde/Çark/Şaft/Soğutucular)	D.demir/Pas.çelik/Pas.çelik/Paslanmaz
Elektrik Motor Devri	2980 d/d
Elektrik Motoru Etiket değeri	1000 kw,(2400 V Enerji Besleme)

Technical data

ZH7000-10000-15000 (50 Hz) & ZH4000-6000-9000 (60 Hz)

50 Hz	Free air delivery ⁽¹⁾ m ³ /h	Installed motor ⁽²⁾ kW	Weight ⁽³⁾ kg	Dimensions in mm ⁽⁴⁾		
				A	B	C
Three-stage, watercooled						
ZH7000	4400 to 7200	400 to 500	8000	4060	2120	2400
ZH10000	8800 to 11000	450 to 500	12000	5250	2120	2400
ZH15000	10700 to 17000	1000 to 1850	18000	6800	2370	2630
Two-stage, watercooled						
ZH7000	4400 to 7200	315 to 500	6500	4060	2120	2400
ZH10000	8800 to 11000	450 to 500	10500	5250	2120	2400
ZH15000	10700 to 17000	760 to 1250	15000	5900	2370	2630

60 Hz	Free air delivery ⁽¹⁾ cfm	Installed motor ⁽²⁾ hp	Weight ⁽³⁾ lbs	Dimensions in in ⁽⁴⁾		
				A	B	C
Three-stage, watercooled						
ZH4000	2550 to 4200	500 to 1000	17500	162	85	96
ZH6000	4000 to 6500	880 to 1500	26500	207	85	96
ZH9000	6300 to 10000	1250 to 2250	40000	229	94	104
Two-stage, watercooled						
ZH4000	2550 to 4200	400 to 700	14300	162	85	96
ZH6000	4000 to 6500	800 to 1500	23000	207	85	96
ZH9000	6300 to 10000	900 to 1500	33000	229	94	104

(1) Reference conditions:

- barometric pressure: 1 bar(a) / 14.5 psia
- air intake temperature: 35 °C / 95 °F
- relative humidity: 80 %
- cooling water inlet temperature: 26.7 °C / 80 °F

(2) Depending on pressure variant

- (3) With silencing canopy and standard M.V. motor
- (4) With silencing canopy

Sound pressure level:

± 3dB(A) acc. to Pneurop PMS NTC 2.2 test code,
measured at 1 m distance, machine operating at full load

Depending on model:

- 86 to 85 dB(A) without silencing canopy
- 76 to 74 dB(A) with silencing canopy



113.3 m³/dk min,
183.3 m³/dk max.