



**TUNA GEMİ İKMAL SANAYİ TİCARET LTD. ŞTİ**

**BREATHING AIR COMPRESSOR  
NOTUS N10-ET OPEN  
TECHNICAL DATA**

Breathing Air Compressor, air cooled, 3 staged, oil lubricated, manufactured by PARAMINA, model NOTUS, N10-ET Open 4kW/400-440V/50-60Hz (upon request), suitable for all shipping, diving and fire-fighting applications, with CE certificate.

**Notus**



Evliya Çelebi Mah. Cömert Sokak Gıptaş Sanayi Sitesi A Blok No.16 Tuzla , İSTANBUL/TÜRKİYE  
Tel : 00.90.216.446.74.03 , Fax : 00.90.216.446.76.08  
E-mail : [supply@tunashipping.com](mailto:supply@tunashipping.com) , Web : [www.tunashipping.com](http://www.tunashipping.com)



## TUNA GEMİ İKMAL SANAYİ TİCARET LTD. ŞTİ


<b>Model</b>	<b>: Notus, N10-ET OPEN</b>
<b>Air Delivery FAD</b>	<b>: 170 lit/min <math>\pm</math> 5%</b>
<b>Max Working Pressure</b>	<b>: 350 bar</b>
<b>Stages</b>	<b>: 3</b>
<b>Cylinders</b>	<b>: 3</b>
<b>Cylinder Arrangement</b>	<b>: W</b>
<b>1<sup>st</sup> stage cylinder diameter</b>	<b>: 65mm</b>
<b>2<sup>nd</sup> stage cylinder diameter</b>	<b>: 36mm</b>
<b>3<sup>rd</sup> stage cylinder diameter</b>	<b>: 14mm</b>
<b>Piston Stroke</b>	<b>: 48mm</b>
<b>Speed Rotation</b>	<b>: 1450 rpm</b>
<b>1<sup>st</sup> Stage Pressure</b>	<b>: 3,2 - 3,6 bar</b>
<b>2<sup>nd</sup> Stage Pressure</b>	<b>: 26 - 30</b>
<b>Transmission</b>	<b>: V Belt</b>
<b>Motor power</b>	<b>: <u>4 kW/400-440V/50-60Hz</u> (Class F, IP 55)</b>
<b>Oil Capacity</b>	<b>: 1,2 lit synthetic compressor oil</b>
<b>Air outlet temperature</b>	<b>: 5 - 8 °C above ambient temperature</b>
<b>Max. permissible ambient temperature</b>	<b>: +5<sup>0</sup> to +45<sup>0</sup> C</b>
<b>Cooling air flow min required approximately</b>	<b>: 1440m<sup>3</sup>/ hr</b>
<b>Dimensions (L-W-H)</b>	<b>: 110x53x68cm</b>
<b>Weight</b>	<b>: 129 – 135 Kg</b>
<b>Filling Time of 1 Cyl.10ltr @ 225bar</b>	<b>: 13,2 min <math>\pm</math> 5%</b>
<b>Filling Time of 1 Cyl.10ltr @ 300bar</b>	<b>: 17,6 min <math>\pm</math> 5%</b>
<b>Max. inclination of compressor</b>	<b>: 15<sup>0</sup></b>



# TUNA GEMİ İKMAL SANAYİ TİCARET LTD. ŞTİ

## Standard Equipment;

- Micronic Air Inlet Filter.
- Condensate Separator after 2<sup>nd</sup> Stage.
- Large Stainless Steel Intercoolers & aftercooler at all stages.
- Large fan (400mm diam.) for optimum cooling of cylinders, intercoolers & aftercoolers, making the compressor capable for continuous operation.
- Combined BA Filter Ø80X535 including Coalescing Pre-filter (0,5mg/m<sup>3</sup> oil residual) and 2 x (Active Carbon / Molecular Sieve cartridge) Ø42X180 cartridges, with the supply of absolutely clean air exceeding by far the requirements of EN12021:2014.
- Pressure maintaining valve & non-return valve allowing for safe, efficient & extended filtration.
- Direct On Line starting system (DOL)
- Start/Stop switch.
- Motor thermal overload protection.
- Manual Condensate Drains
- One (1) Kevlar\* Filling hose – 1,2m length, complete with DIN & INT'L "A" filling connector.  
\*Kevlar hoses are manufactured with very strong & resistant material and are pin pricked for air relief in atmosphere in case of damage.
- Safety Valves in all stages.
- Inter-stage manometers
- Final Stage glycerin manometer 400 bar.
- Built-In Vibration Pads.
- Automatic belt tensioning system.
- Hourmeter.
- Handles for easy lifting

PARAMINA HIGH PRESSURE COMPRESSORS MOTORS*, FUSES & CABLES									
STANDARD PLUGS, OTHER PLUGS ON REQUEST									
MODEL	MOTOR			FUSE BOX (curve D or K)	PLUG (PGE)			CABLE	
	KW	AMPS	P. F.	AMPS	AMPS	PHOTOS	DIMENSIONS (mm <sup>2</sup> )	LENGTH (m)	
N10 - ET	4.0/400V/50-60Hz	7,9	0,88	16-20A	Wander plug 16A 3P+N+PE IP44	 option	5 x 4	max. 5m	

**Note: Fuse box & plug supplied by customer.**