

**Motor/Engine:** MAN E 2876 E312  
**Leistung/Power:** 150 kW @ 1500min<sup>-1</sup>  
**Zyl/Cylinders:** R6  
  
**Venturi:** GM 100/54  
GMA 42  
  
**Gas:** Natural  
**Lambda:** 1

Pos.	Qty.	Description	Item	HZN
<b>1</b>		<b>Speed/ Load Control PANDAROS StG3</b>		
	1	Controller PANDAROS	DC 3.6-19	622-00-063-00
	1	Actuator with Throttle Valve	DK 100-68 / StG 3 / 90°	452-00-068-07
	1	Cable Harness Actuator with Throttle Valve	10m	620-81-281-9005
	1	Cable Harness Pickup	10m	620-81-248-5005
	1	Pickup 5/8" - 18 UNF-2A	IA 12-76	600-00-006-02
<b>2.1</b>		<b>GM E-LES SMC Positioner</b>		
	1	Gas mixer Housing	GM 100-01	462-80-000-00
	1	Venturi Insert Natural Gas*	VE-100-0541-24-S12-3,7	462-83-542-37
	1	Mounting plate Rp 1 1/2"	MP 100-01	462-19-002-02
	1	Electronically controlled MAS E-LES 50.3 SMC		472-00-021-00
	1	Cable harness (Input 4-20mA, 0-5V, PWM, Feedback, Ref, Stop, Error) 10 m		490-81-012-00

\*note: For the correct dimension of the venturi insert the gas data must be known. Please fill out the order information and send this to the head office. <http://www.heinzmann.de/en/engine-and-turbine-management/system-solutions/gas-engine-management>

<b>2.2</b>		<b>AFR-Control KRONOS 20 (Optional)</b>		
	1	Controller Closed Loop	KRONOS 20-01 CL-LS	620-00-118-04
	1	Combined Pressure/ Temp.sensor		600-00-082-00
	1	Cable Harness Sensor		600-81-051-00
	1	Lambda Sensor $\lambda=1$		010-80-020-02
	1	Cable for Lambda Sensor		600-81-054-00
	1	Pick up isolator *)	PUI-01	300-00-175-00
		or		
	1	Pickup 5/8" - 18 UNF-2A *)	IA 12-76	600-00-006-02
	1	Cable Harness Pickup *)	10 m	620-81-047-10
		*) If PANDAROS DC XX.6-19 is used, alternatively, engine speed can be read via HZM-CAN. In this case, please order 620-00-118-04 with software <b>Kronos20_ac004XX_CL_Lambda1_HZMCAN_AC_DC.dwn</b>		

Pos.	Qty.	Description	Item	HZN
<b>3</b>		<b>Ignition Control PHLOX II 6 Cylinder</b>		
	1	Controller PHLOX	PHLOX II IC-08	680-00-010-00
	1	<i>Cable Harness Input</i>	<i>without CAN</i>	<i>680-81-002-17</i>
	1	<i>Cable Harness Input</i>	<i>with CAN</i>	<i>680-81-002-18</i>
	1	Pickup camshaft	HIA-M12-76	600-00-140-00
	1	Ignition Rail 6 cyl. with cable harness, mounting set and ignition coils grey		Z00-21-055-00
	6	Ignition lead w ring connector for M6		Z00-19-038-00
<b>4</b>		<b>Knock control system ARIADNE 6 Cylinder</b>		
	1	Knock controller	KC 01-IP 00	620-00-137-06
	6	Knocksensor	KS 1-01	010-80-022-00
	6	Connecting Cable Knock Sensor		600-81-082-00
	1	Pickup camshaft *)	HIA-M12-76	600-00-140-00
	1	Cable for Pickup HIA S3 / M12 *)	10 m	620-81-177-00

\*note: Pickup may be shared with the ignition system by using a splitter. Pickup or splitter not necessary in combination with Heinzmann ignition system PHLOX.