

Parts per engine		T 8906; CEL CG170B-20 Stock; 1836048 / 1836049 / 1836050 / 1836051
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Herzog / 18.4.2024 / Rev. 0

Engine cooling circuit

Item	Designation	quant.	order number / specification
	Electric preheating	1	1240 6676 KZ; IBS, 400/480 V, 9/12,9 kW, mit Flanschen DN 80
	Flange with assembly kit	2	1240 2233 KZ;; Gegenflansch DN 80
	Diaphragm expansion vessel	1	1240 9558 KZ; Reflex; N400/6 ,G1; max. 6bar, 120 °C
	Shut-off valve for diaphragm expansion vessel	1	1240 9569 KZ; Oventrop; G1 (für MAG) 10 bar
	Pressure gauge on diaphragm expansion vessel	1	1240 9571 KZ ; WIKA; 4 bar; G1/4 ; Typ 213.53 NG63 (MKK,GMK)
	Shut-off valve for pressure gauge	1	1240 2354 KY;; G1/4 inkl. Dichtscheibe
	3-way valve; 867_868	1	1240 6802 KZ; ARI; 24 V, DN 100/PN16, 5 kN
	Flange with assembly kit	3	1240 2234 KZ;; Gegenflansch DN 100
	Coolant pump	1	1310 1003 KZ; Fa. KSB; ETL 080-080-200-GGSCV66WSEEV2HHB Laufrad 197 mm
	Flange with assembly kit	2	1240 2233 KY;; DN 80, nach DIN 2633
	Throttle valve	1	1240 9595 KZ; Fa. ARI; DN 80 ARI-ZIVA-Z mit Handrad
	Flange with assembly kit for shut-off flap ARI-ZESA V01	1	1240 2244 KY;; / DN 80, nach DIN 2633
	Vent with shut-off valve	1	1240 9150 KD;; Flexvent Super G1/2 & Absperrventil
	safety valve downstream of engine	2	1240 3085 KZ; Syr; Typ 1915; 3 bar, 1017 kW, G 2 x G 2 1/2
	Fill level limiter; 123	1	1240 4328 KZ; Syr; Typ Typ 933.2 (ohne Verriegelung/mit Gehäuse)
	Differential pressure monitor; 126	1	1240 6875 KD; Fischer; Typ DS32
	Temperature sensor upstream of emergency cooling; 384	1	1253 4109 KZ; WIKA; TR10-B+TW45-F / PT 100, 210 mm

Mixture cooling circuit

Item	Designation	quant.	order number / specification
	Diaphragm expansion vessel	1	1240 9555 KZ; Reflex; N200/6 ,G1; max. 6bar, 120 °C
	Shut-off valve for diaphragm expansion vessel	1	1240 9569 KZ; Oventrop; G1 (für MAG) 10 bar
	Pressure gauge on diaphragm expansion vessel	1	1240 9571 KZ ; WIKA; 4 bar; G1/4 ; Typ 213.53 NG63 (MKK,GMK)
	Shut-off valve for pressure gauge	1	1240 2354 KY;; G1/4 inkl. Dichtscheibe
	3-way valve; 885_886	1	1240 6800 KZ; ARI; 24 V, DN 65/PN16, 5 kN
	Flange with assembly kit	3	1240 2232 KZ;; Gegenflansch DN 65
	Coolant pump	1	1310 0951 KZ; Fa. KSB; ETL 050-050-160-GGSCV66WSECX2HHB Laufrad 148 mm
	Flange with assembly kit	2	1240 2231 KY;; DN 50, nach DIN 2633
	Vent with shut-off valve	1	1240 9150 KD;; (komplett) / Flexvent Super G1/2
	safety valve downstream of engine	1	1240 3084 KZ; Syr; Typ 1915; 3 bar, 395 kW, G 1 1/4 x G1 1/2
	Fill level limiter; 308	1	1240 4328 KZ; Syr; Typ Typ 933.2 (ohne Verriegelung/mit Gehäuse)
	Differential pressure monitor; 309	1	1240 6875 KD; Fischer; Typ DS32
	Temperature sensor downstream of recoolers	1	1253 4107 KZ; WIKA; TR10-B+TW45-F / PT 100, 120 mm

Heating circuit

Item	Designation	quant.	order number / specification
	safety valve	1	1240 9635 KZ; Fa. Götze; Typ 851 H4; 10 bar, 7600 kW, 1/2"
	Differential pressure monitor; 281	1	1240 4274 KD; Fischer; Typ 21 D 025 (Anzeige 0-1 bar)
	Temperature sensor return flow from customer; 289	1	1253 4109 KZ; WIKA; TR10-B+TW45-F / PT 100, 210 mm
	Temperature sensor supply flow to customer; 291	1	1253 4109 KZ; WIKA; TR10-B+TW45-F / PT 100, 210 mm

Dump cooling circuit

Item	Designation	quant.	order number / specification
	3-way valve; 890_891	1	1240 6802 KZ; ARI; 24 V, DN 100/PN16, 5 kN
	Flange with assembly kit	3	1240 2234 KZ;; Gegenflansch DN 100
	Temperature sensor downstream of recoolers	1	1253 4107 KZ; WIKA; TR10-B+TW45-F / PT 100, 120 mm

Exhaust system

Item	Designation	quant.	order number / specification
	Exhaust back pressure switch downstream of exhaust turbocharger, max. 10 bar	1	1240 2029 KD

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	Herzog / 18.4.2024 / Rev. 0	

Oil System	Item	Designation	quant.	order number / specification
		Solenoid valve with assembly kit, fresh oil	1	1240 5101 KZ; ;TCG3020, 230 V, G1, Ölwanne und Grundrahmen

Gas Supply	Item	Designation	quant.	order number / specification
		Fuel gas expansion joint for engine connection	1	1240 6571 KZ;; DN 100, LK=170, Baul. 340, TCG 3020
		Assembly kit for fuel gas expansion joint	1	1240 2333 KY
		Zero pressure gas train	1	1240 6583 KZ; Honeywell; DN 100/100/100, LR, FSP
		Limit value switch for temperature sensor downstream of flame arrester	1	1251 1756 EC; Fa. Phoenix Contact; MACX MCR-EX-T-UIREL-UP-SP-C