

# IRMAIR

## SCREW COMPRESSORS

The complete range  
from 2.0 to 11.1 m<sup>3</sup>/min



**IRMER+ELZE**

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# Technical data

7 bar / 102 psi									
Typ		80	81	82	83	84	85	87-1	87-2
Version		IRMAIR 2	IRMAIR 2.5	IRMAIR 2.5	IRMAIR 3	IRMAIR 4	IRMAIR 5.5	IRMAIR 8	IRMAIR 11
Airflow acc. to ISO 1217 at 7 bar / 102 psi	m <sup>3</sup> /min cfm	2.0 71	2.5 88	2.6 92	3.0 106	4.3 152	5.3 190	8.1 286	11.1 392
Working pressure (WP)	bar	7	7	7	7	7	7	7	7
Infinitely variable control from nominal to idle speed	1/min	3.600-2.400	3.000-2.400	2.400-1.800	2.750-1.850	2.300-1.850	2.750-1.850	2.300-1.700	2.400-1.700
Average sound level	db(A)	95 (98)	96 (98)	95 (98)	97 (98)	94 (98)	97 (98)	98 (99)	98 (99)
Oil capacity / compressor	l	5,5	5,5	8	8	8	8	14,5	24
Capacity of fuel tank	l	32	32	40	40	80	80	175	175
Air outlet valves - qty / size		2 x 3/4"	2 x 3/4"	2 x 3/4"	2 x 3/4"	2 x 3/4"	3 x 3/4"	3x3/4"+1x11/2"	3x3/4"+1x11/2"
Lenght with towing device (stretched)	mm	2.907 (3.158)	2.907 (3.158)	3.094 (3.350)	3.094 (3.350)	3.384 (3.652)	3.384 (3.652)	4.356	4.356
Width	mm	1.300	1.300	1.320	1.320	1.400	1.400	1.716	1.716
Height	mm	1.200	1.200	1.260	1.2 60	1.300	1.300	1.661	1.661
Operational weight min./max.	kg	551.5/650	555.5/650	742/750	742/750	978/1.000	978/1.000	1.825	1.825
Tyres		135 R 13	135 R 13	155 R 13	155 R 13	165 R 13	165 R 13	195 R 14 C	205 R 16 C

Engine		KUBOTA	KUBOTA	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ	DEUTZ
Engine type		D905	D1105	F2M2011	F2M2011	F3M2011	F3M2011	BF4M2011	BF4M2012C
Output at nominal speed	kW	18.5	19.4	21.6	23.3	31.5	36	56.5	90
Oil capacity	l	5.1	5.1	7.25	7.25	8.25	8.25	11	9

10 bar / 145 psi									
Airflow acc. to ISO 1217 at 10 bar / 145 psi	m <sup>3</sup> /min cfm					IRMAIR 4-10		IRMAIR 8-10	IRMAIR 11-10
Range of pressure	bar					3.5 125		6.8 240	10 353
						10		10	10

12 bar / 175 psi									
Airflow acc. to ISO 1217 at 12 bar / 175 psi	m <sup>3</sup> /min cfm			IRMAIR 2,5-12				IRMAIR 8-12	IRMAIR 11-12
Range of pressure	bar			1.9 67				6.1 215	8.5 300
				12				12	12

12 bar H / 175 psi									
Airflow acc. to ISO 1217 at 12 bar / 175 psi	m <sup>3</sup> /min cfm								IRMAIR 11-12H
Range of pressure	bar								10.5 371
Engine									12
Engine type									DEUTZ
Output at nominale speed	kW								BF4M 1013EC
Oil capacity	l								107
									9

14 bar / 205 psi									
Airflow acc. to ISO 1217 at 14 bar / 205 psi	m <sup>3</sup> /min cfm								IRMAIR 11-14
Range of pressure	bar								8.0 283
									14

Compressors with generators									
Airflow acc. to ISO 1217 at 7 bar / 102 psi	m <sup>3</sup> /min cfm				IRMAIR 3 G	IRMAIR 4 G	IRMAIR 5,5 G	IRMAIR 8 G	
Electric Power	kVA				2.0 71	3.5 125	5.3 190	6.2 219	
Sockets 6.5 kVA	V				6.5	6.5 oder 12	6,5 oder 12	12	
Sockets 12 KVA	V				2x230V/1x400V	2x230V/1x400V	2x230V/1x400V		
						1x230V/2x400V	1x230V/2x400V	1x230V/2x400V	

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Your local dealer

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