



WAHF



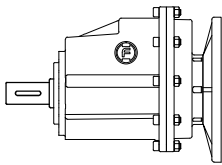
Motoreduktory walcowe **WAHF**
Helical in-line gearmotors **WAHF**



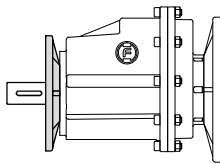
Oznaczenie kodowe

Classification

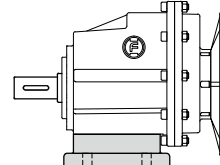
MRCZ



MRCF



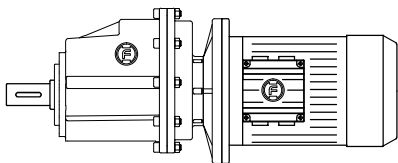
MRC



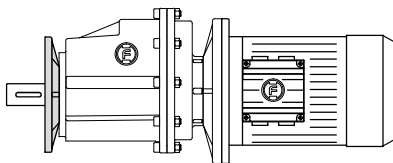
Przekładnia walcowa / Helical in-line gearbox

WAHF	MRCF	02	III	P100B14	i124.97	M1
Typ / Type	Wersja / Version	Wielkość / Size	Kołnierz wyjściowy Output flange	Kołnierz wejściowy Input flange	Przełożenie Ratio	Pozycja montażowa Mounting positions
WAHF	MRCZ MRCF MRC	01 02 03 04	I II III Łapy / Foot B01 B02 B03 B04 B05 M01 M02 M03 M04		Zgodnie z doborem See tables	

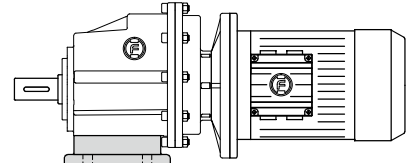
MRCZ



MRCF



MRC

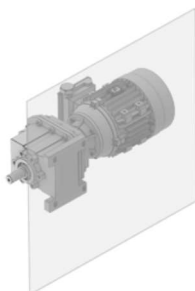
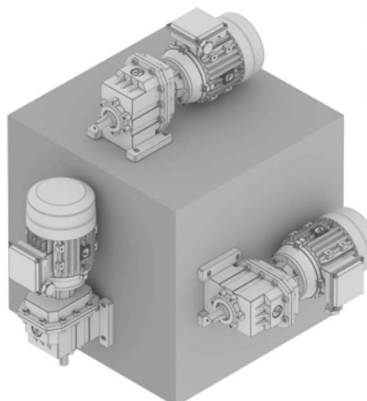
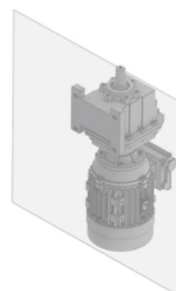
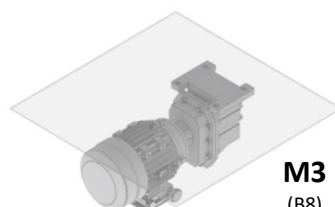
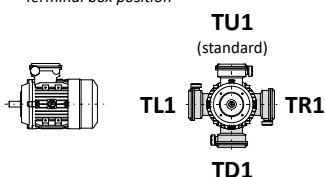
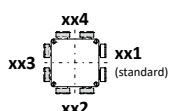


Motoreduktor walcowy / Helical in-line gearmotors

WAHF	MRCF	02	III	P100B14	i124.97	M1	0.75	4
Typ / Type	Wersja / Version	Wielkość / Size	Kołnierz wyjściowy Output flange	Kołnierz wejściowy Input flange	Przełożenie Ratio	Pozycja montażowa Mounting positions	Moc silnika Motor power	Pola Poles
WAHF	MRCZ MRCF MRC	01 02 03 04	I II III Łapy / Foot B01 B02 B03 B04 B05 M01 M02 M03 M04		Zgodnie z doborem See tables		[kW]	2 4 6

Pozycje montażowe

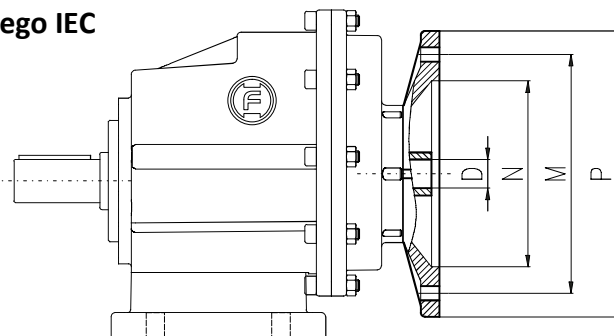
Mounting positions

M6
(B6)M1
(B3)M2
(V6)M4
(V5)M5
(B7)M3
(B8)Pozycja puszeki przyłączeniowej silnika
Terminal box positionPozycja dławików puszeki
Chokes position



Wymiary kołnierza wejściowego IEC

IEC motor adapters



Wymiary kołnierza wejściowego IEC / IEC motor adapters

IEC	P63B5	P71B5	P71B14	P80B5	P80B14	P90B5	P90B14	P100B5	P100B14	P112B5	P112B14
D _{EB} [mm]	11	14	14	19	19	24	24	28	28	28	28
P [mm]	140	160	105	200	120	200	140	250	160	250	160
M [mm]	115	130	85	165	115	165	115	215	130	215	130
N [mm]	95	110	70	130	95	130	95	180	110	180	110

Dopuszczalne konfiguracje

Acceptable configurations

WAHF 01 P...		M _n 120 Nm			
i =	P63B5	P71B5 P71B14	P80B5 P80B14	P90B5 P90B14	
53.33					
45.89					
40.10					
35.47					
28.50					
23.56					
19.83					
17.86					
14.62					
13.80					
11.90					
9.81					
9.17					
7.72					
5.69					
4.63					
3.82					

WAHF 02 P...		M _n 200 Nm			
i =	P63B5	P71B5 P71B14	P80B5 P80B14	P90B5 P90B14	
54.00					
46.46					
40.60					
35.91					
28.88					
23.85					
20.08					
17.10					
14.81					
13.21					
12.05					
9.93					
8.78					
7.39					
5.45					
4.43					
3.66					

WAHF 03 P...		M _n 300 Nm				
i =	P71B5	P80B5 P80B14	P90B5 P90B14	P100B5 P100B14	P112B5 P112B14	
58.09						
50.02						
43.75						
38.73						
34.62						
28.30						
21.78						
17.33						
15.06						
12.37						
10.28						
7.93						
6.31						
5.48						
4.50						
3.74						

WAHF 04 P...		M _n 500 Nm				
i =	P80B5 P80B14	P90B5 P90B14	P100B5 P100B14	P112B5 P112B14		
58.09						
50.02						
43.75						
38.73						
34.62						
28.30						
21.78						
17.33						
15.06						
12.37						
10.28						
7.93						
6.31						
5.48						
4.50						
3.74						



Tabela z danymi technicznymi

Technical data table

Poniżej znajduje się przykładowy wygląd i opis tabeli z danymi technicznymi przekładni WAHF.

The following is an example of the design and description of the table with the WAHF gear unit technical data.

P_1 [kW]	n_2 [rpm]	M_2 [Nm]	f_s	$i =$		
0.12						
$n_1=1400$ [rpm]	26.3	42.0	2.90	53.33	MRC 01	P63B5
	30.5	36.0	3.30	45.89	MRCF 01	
	34.9	32.0	3.80	40.10	MRCZ 01	

P_1 - moc silnika elektrycznego [kW]

n_1 - obroty wejściowe [rpm]

n_2 - obroty wyjściowe [rpm]

M_2 - wyjściowy moment obrotowy [Nm]

f_s - współczynnik pracy

i - przełożenie



- typ przekładni (zobacz oznaczenie kodowe)



- typ kołnierza wejściowego IEC (pod silnik)

P_1 - rated power driving motor [kW]

n_1 - input speed [rpm]

n_2 - output speed [rpm]

M_2 - rated output torque [Nm]

f_s - service factor

i - gear unit ratio



- gear unit type (see classification)



- input flange IEC (for AC motor)

Dane techniczne

Technical data

P_1 [kW]	n_2 [rpm]	M_2 [Nm]	f_s	$i =$		
0.12						
$n_1=1400$ [rpm]	26.3	42.0	2.90	53.33	MRC 01	P63B5
	30.5	36.0	3.30	45.89	MRCF 01	
	34.9	32.0	3.80	40.10	MRCZ 01	
	39.5	28.0	4.30	35.47		
	49.1	22.0	5.40	28.50		
	59.4	18.5	6.50	23.56		
	70.6	15.6	7.70	19.83		
	78.4	14.0	7.10	17.86		
	95.8	11.5	10.4	14.62		
	101	10.8	9.20	13.80		
	118	9.40	12.8	11.90		
	143	7.70	13.0	9.81		
	153	7.20	11.1	9.17		
	181	6.10	13.2	7.72		
	246	4.50	13.4	5.69		
	302	3.60	16.5	4.63		
	366	3.00	20.0	3.82		

0.18						
$n_1=900$ [rpm]	16.9	98.0	1.20	53.33	MRC 01	P71B5 P71B14
	19.6	84.0	1.40	45.89	MRCF 01	
	22.4	74.0	1.60	40.10	MRCZ 01	
	25.4	65.0	1.80	35.47		
	31.6	52.0	2.30	28.50		

0.18						
$n_1=1400$ [rpm]	26.3	63.0	1.90	53.33	MRC 01	P63B5
	30.5	54.0	2.20	45.89	MRCF 01	
	34.9	47.0	2.50	40.10	MRCZ 01	
	39.5	42.0	2.90	35.47		
	49.1	34.0	3.60	28.50		
	59.4	28.0	4.30	23.56		
	70.6	23.0	5.10	19.83		

P_1 [kW]	n_2 [rpm]	M_2 [Nm]	f_s	$i =$		
0.18						
$n_1=1400$ [rpm]	78.4	21.0	4.80	17.86	MRC 01	P63B5
	95.8	17.2	7.00	14.62	MRCF 01	
	101	16.3	6.10	13.80	MRCZ 01	
	118	14.0	8.60	11.90		
	143	11.6	8.60	9.81		
	153	10.8	7.40	9.17		
	181	9.10	8.80	7.72		
	246	6.70	8.90	5.69		
	302	5.50	11.0	4.63		
	366	4.50	13.3	3.82		

0.18						
$n_1=900$ [rpm]	16.7	99.0	2.00	54.00	MRC 02	P71B5 P71B14
	19.4	85.0	2.30	46.46	MRCF 02	
	22.2	74.0	2.70	40.60	MRCZ 02	
	25.1	66.0	3.00	35.91		
	31.2	53.0	3.80	28.88		

0.18						
$n_1=1400$ [rpm]	25.9	64.0	3.10	54.00	MRC 02	P63B5
	30.1	55.0	3.70	46.46	MRCF 02	
	34.5	48.0	4.20	40.60	MRCZ 02	

0.25						
$n_1=900$ [rpm]	16.9	136	0.88	53.33	MRC 01	P71B5 P71B14
	19.6	117	1.00	45.89	MRCF 01	
	22.4	102	1.20	40.10	MRCZ 01	
	25.4	90.0	1.30	35.47		
	31.6	73.0	1.70	28.50		



Dane techniczne

Technical data

P ₁ [kW]	n ₂ [rpm]	M ₂ [Nm]	f _s	i =		
0.25						4p
n ₁ =1400 [rpm]	26.3	87.0	1.40	53.33	MRC 01 MRCF 01 MRCZ 01	P71B5 P71B14
	30.5	75.0	1.60	45.89		
	34.9	66.0	1.80	40.10		
	39.5	58.0	2.10	35.47		
	49.1	47.0	2.60	28.50		
	59.4	39.0	3.10	23.56		
	70.6	32.0	3.70	19.83		
	78.4	29.0	3.40	17.86		
	95.8	24.0	5.00	14.62		
	101	23.0	4.40	13.80		
	118	19.5	6.20	11.90		
	143	16.1	6.20	9.81		
	153	15.0	5.30	9.17		
	181	12.6	6.30	7.72		
	246	9.30	6.40	5.69		
	302	7.60	7.90	4.63		
	366	6.30	9.60	3.82		
0.25						6p
n ₁ =900 [rpm]	16.7	138	1.50	54.00	MRC 02 MRCF 02 MRCZ 02	P71B5 P71B14
	19.4	118	1.70	46.46		
	22.2	103	1.90	40.60		
	25.1	91.0	2.20	35.91		
	31.2	74.0	2.70	28.88		
0.25						4p
n ₁ =1400 [rpm]	25.9	88.0	2.30	54.00	MRC 02 MRCF 02 MRCZ 02	P71B5 P71B14
	30.1	76.0	2.60	46.46		
	34.5	66.0	3.00	40.60		
	39.0	59.0	3.40	35.91		
48.5	47.0	4.20	28.88			
0.37						6p
n ₁ =900 [rpm]	22.4	151	0.79	40.10	MRC 01 MRCF 01 MRCZ 01	P80B5 P80B14
	25.4	134	0.90	35.47		
	31.6	107	1.10	28.50		
	38.2	89.0	1.40	23.56		
0.37						4p
n ₁ =1400 [rpm]	26.3	129	0.93	53.33	MRC 01 MRCF 01 MRCZ 01	P71B5 P71B14
	30.5	111	1.10	45.89		
	34.9	97.0	1.20	40.10		
	39.5	86.0	1.40	35.47		
	49.1	69.0	1.70	28.50		
	59.4	57.0	2.10	23.56		
	70.6	48.0	2.50	19.83		
	78.4	43.0	2.30	17.86		
	95.8	35.0	3.40	14.62		
	101	33.0	3.00	13.80		
	118	29.0	4.20	11.90		
	143	24.0	4.20	9.81		
	153	22.0	3.60	9.17		
	181	19.0	4.30	7.72		
	246	14.0	4.40	5.69		
	302	11.0	5.30	4.63		
	366	9.00	6.50	3.82		
0.37						6p
n ₁ =900 [rpm]	16.7	204	1.00	54.00	MRC 02 MRCF 02 MRCZ 02	P80B5 P80B14
	19.4	175	1.10	46.46		
	22.2	153	1.30	40.60		
	25.1	135	1.50	35.91		
	31.2	109	1.80	28.88		

P ₁ [kW]	n ₂ [rpm]	M ₂ [Nm]	f _s	i =		
0.37					4p	
n ₁ =1400 [rpm]	25.9	131	1.50	54.00	MRC 02 MRCF 02 MRCZ 02	P71B5 P71B14
	30.1	113	1.80	46.46		
	34.5	98.0	2.00	40.60		
	39.0	87.0	2.30	35.91		
	48.5	70.0	2.90	28.88		
	58.7	58.0	3.50	23.85		
	81.9	41.0	3.90	17.10		
0.37					4p	
n ₁ =1400 [rpm]	24.1	141	2.10	58.09	MRC 03 MRCF 03 MRCZ 03	P71B5
	28.0	121	2.50	50.02		
	32.0	106	2.80	43.75		
	36.1	94.0	3.20	38.73		
	40.4	84.0	3.60	34.62		
0.37					6p	
n ₁ =900 [rpm]	15.5	219	1.40	58.09	MRC 03 MRCF 03 MRCZ 03	P80B5 P80B14
	18.0	189	1.60	50.02		
	20.5	165	1.80	43.75		
	23.2	146	2.10	38.73		
	26.0	130	2.30	34.62		
	31.8	107	2.80	28.30		
	41.3	82.0	3.40	21.78		
0.55					6p	
n ₁ =900 [rpm]	31.6	160	0.75	28.50	MRC 01 MRCF 01 MRCZ 01	P80B5 P80B14
	38.2	132	0.91	23.56		
	45.4	111	1.10	19.83		
0.55					4p	
n ₁ =1400 [rpm]	34.9	144	0.80	40.10	MRC 01 MRCF 01 MRCZ 01	P80B5 P80B14
	39.5	128	0.90	35.47		
	49.1	103	1.20	28.50		
	59.4	85.0	1.40	23.56		
	70.6	71.0	1.70	19.83		
	78.4	64.0	1.60	17.86		
	95.8	53.0	2.30	14.62		
	101	50.0	2.00	13.80		
	118	43.0	2.80	11.90		
	143	35.0	2.80	9.81		
	153	33.0	2.40	9.17		
	181	28.0	2.90	7.72		
	246	20.0	2.90	5.69		
	302	17.0	3.60	4.63		
	366	14.0	4.40	3.82		
0.55					6p	
n ₁ =900 [rpm]	19.4	260	0.77	46.46	MRC 02 MRCF 02 MRCZ 02	P80B5 P80B14
	22.2	227	0.88	40.60		
	25.1	201	1.00	35.91		
	31.2	162	1.20	28.88		
	37.7	134	1.50	23.85		
0.55					4p	
n ₁ =1400 [rpm]	25.9	194	1.00	54.00	MRC 02 MRCF 02 MRCZ 02	P80B5 P80B14
	30.1	167	1.20	46.46		
	34.5	146	1.40	40.60		
	39.0	129	1.50	35.91		
	48.5	104	1.90	28.88		
	58.7	86.0	2.30	23.85		
	69.7	72.0	2.80	20.08		
	81.9	62.0	2.60	17.10		
	94.5	53.0	3.70	14.81		



Dane techniczne

Technical data

P ₁ [kW]	n ₂ [rpm]	M ₂ [Nm]	f _s	i =		
0.55						6p
n₁=900 [rpm]	15.5	325	0.92	58.09	MRC 03 MRCF 03 MRCZ 03	P80B5 P80B14
	18.0	280	1.10	50.02		
	20.6	245	1.20	43.75		
	23.2	217	1.40	38.73		
	26.0	194	1.50	34.62		
	31.8	159	1.90	28.30		
	41.3	122	2.30	21.78		

0.55						4p
n₁=1400 [rpm]	24.1	209	1.40	58.09	MRC 03 MRCF 03 MRCZ 03	P80B5 P80B14
	28.0	180	1.70	50.02		
	32.0	158	1.90	43.75		
	36.1	139	2.20	38.73		
	40.4	125	2.40	34.62		
	49.5	102	2.90	28.30		
	64.3	78.0	3.60	21.78		

0.75						4p
n₁=1400 [rpm]	49.1	140	0.86	28.50	MRC 01 MRCF 01 MRCZ 01	P80B5 P80B14
	59.4	116	1.00	23.56		
	70.6	97.0	1.20	19.83		
	78.4	88.0	1.10	17.86		
	95.8	72.0	1.70	14.62		
	101	68.0	1.50	13.80		
	118	58.0	2.10	11.90		
	143	48.0	2.10	9.81		
	153	45.0	1.80	9.17		
	181	38.0	2.10	7.72		
	246	28.0	2.10	5.69		
	302	23.0	2.60	4.63		
	366	19.0	3.20	3.82		

0.75						6p
n₁=900 [rpm]	31.2	221	0.91	28.88	MRC 02 MRCF 02 MRCZ 02	P90B5 P90B14
	37.7	182	1.10	23.85		
	44.8	153	1.30	20.08		

0.75						4p
n₁=1400 [rpm]	30.1	228	0.88	46.46	MRC 02 MRCF 02 MRCZ 02	P80B5 P80B14
	43.5	199	1.00	40.60		
	39.0	176	1.10	35.91		
	48.5	142	1.40	28.88		
	58.7	117	1.70	23.85		
	69.7	99.0	2.00	20.08		
	81.9	84.0	1.90	17.10		
	94.5	73.0	2.70	14.81		
	106	65.0	2.50	13.21		
	116	59.0	3.40	12.05		
	141	49.0	3.30	9.93		
	159	43.0	2.80	8.78		
	189	36.0	3.30	7.39		
	257	27.0	3.70	5.45		

0.75						2p
n₁=2800 [rpm]	97.0	71.0	2.80	28.88	MRC 02 MRCF 02 MRCZ 02	P80B5 P80B14
	117	59.0	3.40	23.85		
	139	49.0	4.10	20.08		
	164	42.0	3.80	17.10		

0.75						6p
n₁=900 [rpm]	23.2	296	1.00	38.73	MRC 03 MRCF 03 MRCZ 03	P90B5 P90B14
	26.0	264	1.10	34.62		
	31.8	216	1.40	28.30		

P ₁ [kW]	n ₂ [rpm]	M ₂ [Nm]	f _s	i =		
0.75						6p
n₁=900 [rpm]	41.3	166	1.70	21.78	MRC 03 MRCF 03 MRCZ 03	P90B5 P90B14
	51.9	132	2.10	17.33		
	59.8	115	2.30	15.06		

0.75						4p
n₁=1400 [rpm]	24.1	285	1.10	58.09	MRC 03 MRCF 03 MRCZ 03	P80B5 P80B14
	28.0	246	1.20	50.02		
	32.0	215	1.40	43.75		
	36.1	190	1.60	38.73		
	40.4	170	1.80	34.62		
	49.5	139	2.20	28.30		
	64.3	107	2.60	21.78		
	80.8	85.0	3.30	17.33		
	93.0	74.0	3.50	15.06		

0.75						6p
n₁=900 [rpm]	15.5	444	1.10	58.09	MRC 04 MRCF 04 MRCZ 04	P90B5 P90B14
	18.0	382	1.30	50.02		
	20.6	334	1.50	43.75		
	23.3	296	1.70	38.73		
	26.0	264	1.90	34.62		
	31.8	216	2.30	28.30		
	41.3	166	2.90	21.78		
	51.9	132	3.60	17.33		

0.75						4p
n₁=1400 [rpm]	24.1	285	1.80	58.09	MRC 04 MRCF 04 MRCZ 04	P80B5 P80B14
	28.0	246	2.00	50.02		
	32.0	215	2.30	43.75		
	36.1	190	2.60	38.73		
	40.4	170	2.90	34.62		
	49.5	139	3.60	28.30		
	64.3	107	4.50	21.78		

1.10						4p
n₁=1400 [rpm]	70.6	143	0.84	19.83	MRC 01 MRCF 01 MRCZ 01	P90B5 P90B14
	78.4	129	0.78	17.86		
	95.8	105	1.10	14.62		
	101	99.0	1.00	13.80		
	118	86.0	1.40	11.90		
	143	71.0	1.40	9.87		
	153	66.0	1.20	9.17		
	181	56.0	1.40	7.72		
	246	41.0	1.50	5.69		
	302	33.0	1.80	4.63		
	366	28.0	2.20	3.82		

1.10						2p
n₁=2800 [rpm]	285	35.0	2.80	9.81	MRC 01 MRCF 01 MRCZ 01	P80B5 P80B14
	305	33.0	2.40	9.17		
	363	28.0	2.90	7.72		
	492	20.0	2.90	5.69		
	605	17.0	3.60	4.63		
	733	14.0	4.40	3.82		

1.10						4p
n₁=1400 [rpm]	39.0	259	0.77	35.91	MRC 02 MRCF 02 MRCZ 02	P90B5 P90B14
	48.5	208	1.00	28.88		
	58.7	172	1.20	23.85		
	69.7	145	1.40	20.08		
	81.9	123	1.30	17.10		
	94.5	107	1.90	14.81		
	106	95.0	1.70	13.21		



Dane techniczne

Technical data

P ₁ [kW]	n ₂ [rpm]	M ₂ [Nm]	f _s	i =		
1.10					4p	
n ₁ =1400 [rpm]	116	87.0	2.30	12.05	MRC 02	P90B5
	141	72.0	2.20	9.93	MRCF 02	P90B14
	159	63.0	1.90	8.78	MRCZ 02	
	189	53.0	2.30	7.39		
	257	39.0	2.50	5.45		
	316	32.0	3.10	4.43		
	383	26.0	3.80	3.66		

1.10					4p	
n ₁ =1400 [rpm]	32.0	315	0.95	43.75	MRC 03	P90B5
	36.1	279	1.10	38.73	MRCF 03	P90B14
	40.4	249	1.20	34.62	MRCZ 03	
	49.5	204	1.50	28.30		
	64.3	157	1.80	21.78		
	80.8	125	2.20	17.33		
	93.0	108	2.40	15.06		
	113	89.0	2.90	12.37		
	136	74.0	3.20	10.28		
	177	57.0	3.20	7.93		
	222	45.0	4.00	6.31		
	255	39.0	3.80	5.48		

1.10					2p	
n ₁ =2800 [rpm]	48.2	209	1.40	58.09	MRC 03	P80B5
	56.0	180	1.70	50.02	MRCF 03	P80B14
	64.0	158	1.90	43.75	MRCZ 03	
	72.3	139	2.20	38.73		
	80.9	125	2.40	34.62		
	99.0	102	2.90	28.30		
	129	78.0	3.60	21.78		

1.10					4p	
n ₁ =1400 [rpm]	24.1	418	1.20	58.09	MRC 04	P90B5
	28.0	360	1.40	50.02	MRCF 04	P90B14
	32.0	315	1.60	43.75	MRCZ 04	
	36.1	279	1.80	38.73		
	40.4	249	2.00	34.62		
	49.5	204	2.50	28.30		
	64.3	157	3.10	21.78		
	80.8	125	3.80	17.33		
	93.0	108	4.20	15.06		

1.50					4p	
n ₁ =1400 [rpm]	118	117	1.00	11.90	MRC 01	P90B5
	143	96.0	1.00	9.81	MRCF 01	P90B14
	153	90.0	0.90	9.17	MRCZ 01	
	181	76.0	1.12	7.72		
	246	56.0	1.10	5.69		
	302	45.0	1.30	4.63		
	366	38.0	1.60	3.82		

1.50					2p	
n ₁ =2800 [rpm]	305	45.0	1.80	9.17	MRC 01	P90B5
	363	38.0	2.10	7.72	MRCF 01	P90B14
	492	28.0	2.10	5.69	MRCZ 01	
	605	23.0	2.60	4.63		
	733	19.0	3.20	3.82		

1.50					4p	
n ₁ =1400 [rpm]	58.7	234	0.85	23.85	MRC 02	P90B5
	69.7	197	1.00	20.08	MRCF 02	P90B14
	81.9	168	1.00	17.10	MRCZ 02	
	94.5	145	1.40	14.81		

P ₁ [kW]	n ₂ [rpm]	M ₂ [Nm]	f _s	i =		
1.50					4p	
n ₁ =1400 [rpm]	106	130	1.20	13.21	MRC 02	P90B5
	116	118	1.70	12.05	MRCF 02	P90B14
	141	98.0	1.60	9.93	MRCZ 02	
	159	86.0	1.40	8.78		
	189	73.0	1.70	7.39		
	257	54.0	1.90	5.45		
	316	44.0	2.30	4.43		
	383	36.0	2.80	3.66		

1.50					2p	
n ₁ =2800 [rpm]	212	65.0	2.50	13.21	MRC 02	P90B5
	232	59.0	3.40	12.05	MRCF 02	P90B14
	282	49.0	3.30	9.93	MRCZ 02	
	319	43.0	2.80	8.78		
	379	36.0	3.30	7.39		
	514	27.0	3.70	5.45		

1.50					4p	
n ₁ =1400 [rpm]	40.4	340	0.88	34.62	MRC 03	P90B5
	49.5	278	1.10	28.30	MRCF 03	P90B14
	64.3	214	1.30	21.78	MRCZ 03	
	80.8	170	1.60	17.33		
	93.0	148	1.80	15.06		
	113	122	2.10	12.37		
	136	101	2.40	10.28		
	177	78.0	2.30	7.93		
	222	62.0	2.90	6.31		
	255	54.0	2.80	5.48		
	311	44.0	3.40	4.50		
	374	37.0	4.10	3.74		

1.50					2p	
n ₁ =2800 [rpm]	48.2	285	1.10	58.09	MRC 03	P90B5
	56.0	246	1.20	50.02	MRCF 03	P90B14
	64.0	215	1.40	43.75	MRCZ 03	
	72.3	190	1.60	38.73		
	80.9	170	1.80	34.62		
	99.0	139	2.20	28.30		
	129	107	2.60	21.78		
	162	85.0	3.30	17.33		
	186	74.0	3.50	15.06		

1.50					6p	
n ₁ =900 [rpm]	26.0	529	0.95	34.62	MRC 04	P100B5
	31.8	432	1.20	28.30	MRCF 04	P100B14
	41.3	333	1.40	21.78	MRCZ 04	
	51.9	265	1.80	17.33		
	59.8	230	2.00	15.06		

1.50					4p	
n ₁ =1400 [rpm]	24.1	571	0.88	58.09	MRC 04	P90B5
	28.0	491	1.00	50.02	MRCF 04	P90B14
	32.0	430	1.20	43.75	MRCZ 04	
	36.1	380	1.30	38.73		
	40.4	340	1.50	34.62		
	49.5	278	1.80	28.30		
	64.3	214	2.20	21.78		
	80.8	170	2.80	17.33		
	93.0	148	3.10	15.06		
	113	122	3.80	12.37		
	136	101	4.40	10.28		
	177	78.0	3.30	7.93		
	222	62.0	4.20	6.31		
	255	54.0	4.30	5.48		



Dane techniczne

Technical data

P ₁ [kW]	n ₂ [rpm]	M ₂ [Nm]	f _s	i =		
2.20						4p
n ₁ =1400 [rpm]	64.3	314	0.89	21.78	MRC 03 MRCF 03 MRCZ 03	P100B5 P100B14
	80.8	250	1.10	17.33		
	93.0	217	1.20	15.06		
	113	178	1.50	12.37		
	136	148	1.60	10.28		
	177	114	1.60	7.93		
	222	91.0	2.00	6.31		
	255	79.0	1.90	5.48		
	311	65.0	2.30	4.50		
	374	54.0	2.08	3.74		

2.20						2p
n ₁ =2800 [rpm]	186	108	2.40	15.06	MRC 03 MRCF 03 MRCZ 03	P90B5 P90B14
	226	89.0	2.90	12.37		
	272	74.0	3.20	10.28		
	353	57.0	3.20	7.93		
	444	45.0	4.00	6.31		
	511	39.0	3.80	5.48		

2.20						6p
n ₁ =900 [rpm]	41.3	488	1.00	21.78	MRC 04 MRCF 04 MRCZ 04	P112B5 P112B14
	51.9	388	1.20	17.33		
	59.8	338	1.40	15.06		
	72.8	277	1.70	12.37		

2.20						4p
n ₁ =1400 [rpm]	40.4	499	1.00	34.62	MRC 04 MRCF 04 MRCZ 04	P100B5 P100B14
	49.5	408	1.20	28.30		
	64.3	314	1.50	21.78		
	80.8	250	1.90	17.33		
	93.0	217	2.10	15.06		
	113	178	2.60	12.37		
	136	148	3.00	10.28		
	177	114	2.30	7.93		
	222	91.0	2.90	6.31		
	255	79.0	2.90	5.48		
	311	65.0	3.50	4.50		
	374	54.0	3.70	3.74		

3.00						4p
n ₁ =1400 [rpm]	93.0	296	0.88	15.06	MRC 03 MRCF 03 MRCZ 03	P100B5 P100B14
	113	243	1.10	12.37		
	136	202	1.20	10.28		
	177	156	1.20	7.93		
	222	124	1.50	6.31		
	255	108	1.40	5.48		
	311	88.0	1.70	4.50		
	374	73.0	2.00	3.74		

3.00						4p
n ₁ =1400 [rpm]	49.5	556	0.90	28.30	MRC 04 MRCF 04 MRCZ 04	P100B5 P100B14
	64.3	428	1.10	21.78		
	80.8	340	1.40	17.33		
	93.0	296	1.60	15.06		
	113	243	1.90	12.37		
	136	202	2.20	10.28		
	177	156	1.70	7.93		
	222	124	2.10	6.31		
	255	108	2.10	5.48		
	311	88.0	2.60	4.50		
	374	73.0	2.70	3.74		

P ₁ [kW]	n ₂ [rpm]	M ₂ [Nm]	f _s	i =		
3.00						2p
n ₁ =2800 [rpm]	186	148	3.10	15.06	MRC 04 MRCF 04 MRCZ 04	P100B5 P100B14
	226	122	3.80	12.37		
	272	101	4.40	10.28		
	353	78.0	3.30	7.93		
	444	62.0	4.20	6.31		

4.00						4p
n ₁ =1400 [rpm]	136	269	0.89	10.28	MRC 03 MRCF 03 MRCZ 03	P112B5 P112B14
	177	208	0.87	7.93		
	222	165	1.10	6.31		
	255	144	1.00	5.48		
	311	118	1.30	4.50		
	374	98.0	1.50	3.74		

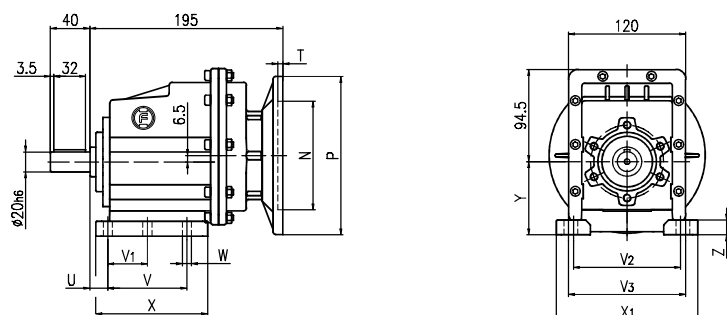
4.00						4p
n ₁ =1400 [rpm]	80.8	454	1.10	17.33	MRC 04 MRCF 04 MRCZ 04	P112B5 P112B14
	93.0	394	1.20	15.06		
	113	324	1.40	12.37		
	136	269	1.60	10.28		
	177	208	1.30	7.93		
	222	165	1.60	6.31		
	255	144	1.60	5.48		
	311	118	2.00	4.50		
	374	98.0	2.00	3.74		

4.00						2p
n ₁ =2800 [rpm]	186	197	2.30	15.06	MRC 04 MRCF 04 MRCZ 04	P112B5 P112B14
	226	162	2.80	12.37		
	272	135	3.30	10.28		
	353	104	2.50	7.93		
	444	83.0	3.10	6.31		
	511	72.0	3.20	5.48		
	622	59.0	3.90	4.50		
	749	49.0	4.10	3.74		

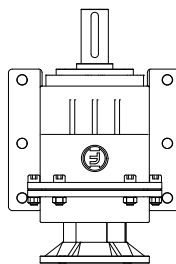


Wymiary przekładni

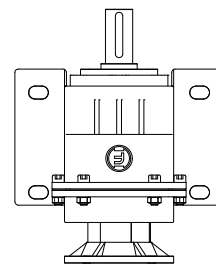
WAHF - MRC - 01 - ... - P(IEC)



Dimensions



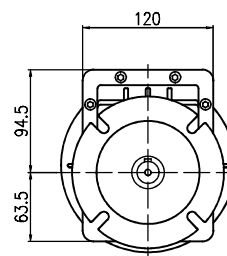
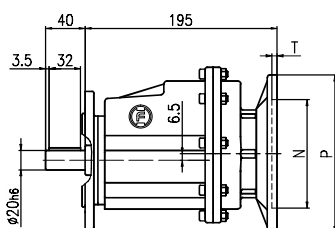
B01 B02



M01 M02

Typ tap Foot code	U	V	V1	V2	V3	W	X	X1	Y	Z
B01	18	87	50	110	—	9	118	130	85	15
M01	18	80	—	110	120	9	113	145	75	15
M02	25	85	—	110	120	9	112	145	75	15
B02	18	107.5	60	—	130	11	136	155	95	17

WAHF - MRCF - 01 - ... - P(IEC)

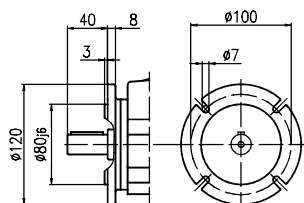


Kg
5.30

masa przekładni
bez oleju i silnika
without oil and motor

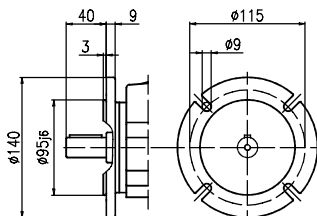
I

φ 120



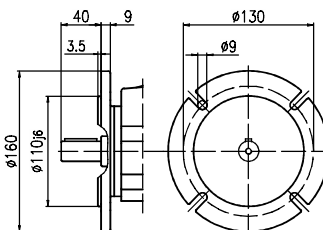
II

φ 140

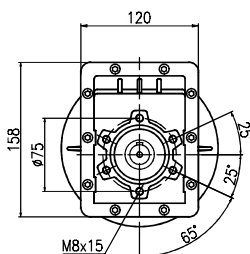
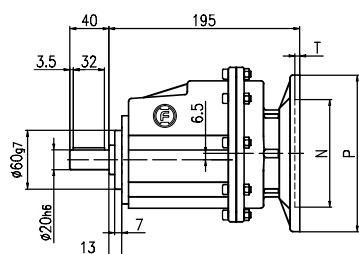


III

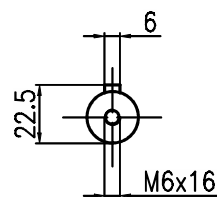
φ 160



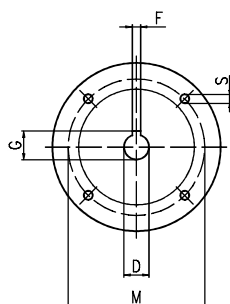
WAHF - MRCZ - 01 - ... - P(IEC)



Wał wyjściowy / Output shaft



Kołnierz wejściowy P (IEC) / Input flange P (IEC)

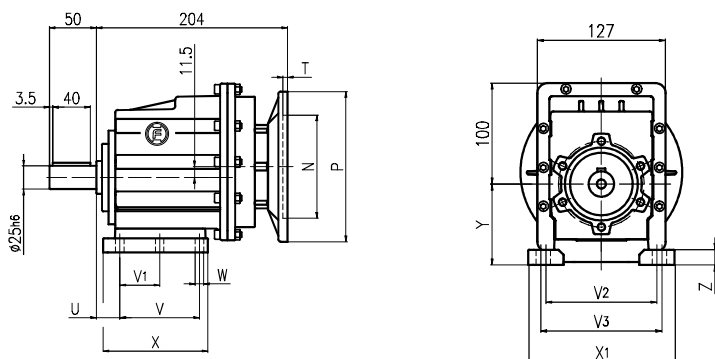


P (IEC)	ØD	F	G	P	M	N	S	T
63B5	11	4	12.8	140	115	95	9	4
71B5	14	5	16.3	160	130	110	9	4
71B14	14	5	16.3	105	85	70	7	4
80B5	19	6	21.8	200	165	130	11	4
80B14	19	6	21.8	120	100	80	7	4
90B5	24	8	27.3	200	165	130	11	4
90B14	24	8	27.3	140	115	95	9	4

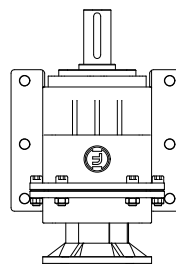


Wymiary przekładni

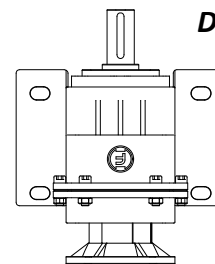
WAHF - MRC - 02 - ... - P(IEC)



Dimensions



B01 B02

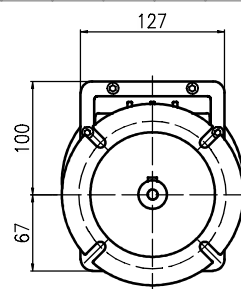
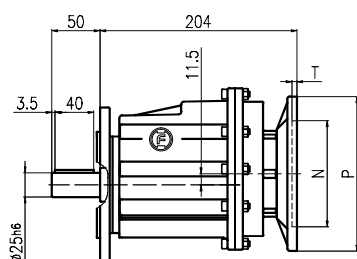


M01 M02

Typ tap Foot code	U	V	V1	V2	V3	W	X	X1	Y	Z
B02	18	107.5	60	—	130	11	136	155	100	17
M02	25	85	—	110	120	9	112	145	80	15
M01	18	80	—	110	120	9	118	145	80	15
B01	18	87	50	110	—	9	118	130	90	15

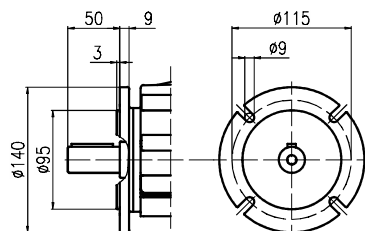
WAHF - MRCF - 02 - ... - P(IEC)

Kg
6.20
masa przekładni
bez oleju i silnika
without oil and motor



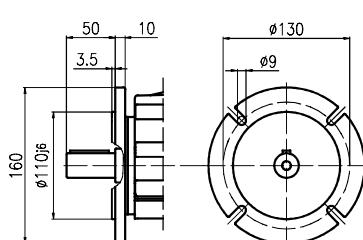
I

φ 140



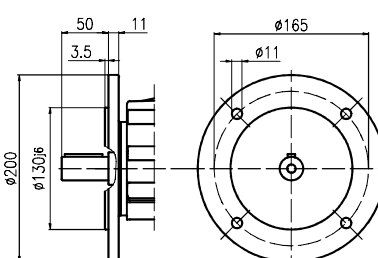
II

φ 160

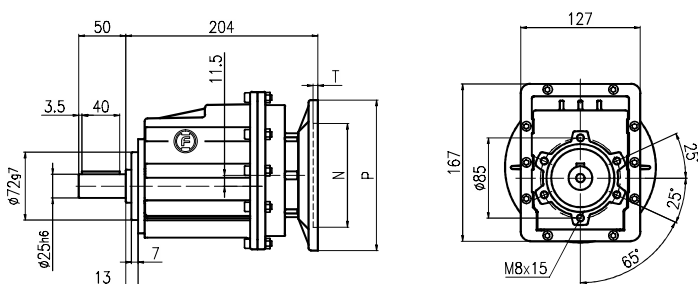


III

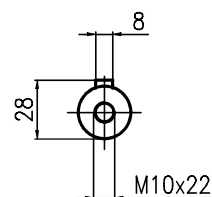
φ 200



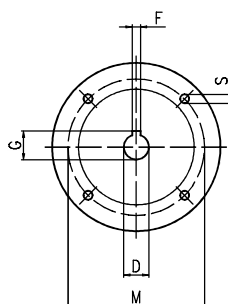
WAHF - MRCZ - 02 - ... - P(IEC)



Wał wyjściowy / Output shaft



Kołnierz wejściowy P (IEC) / Input flange P (IEC)

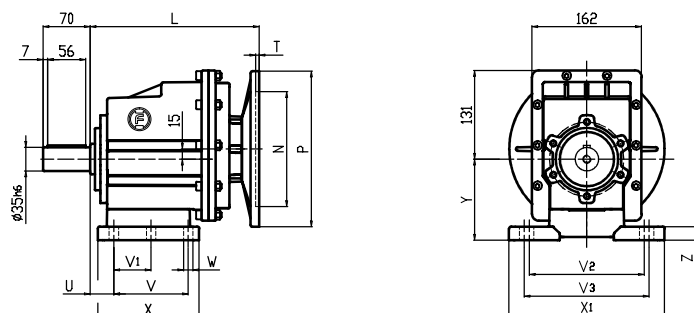


P (IEC)	ØD	F	G	P	M	N	S	T
63B5	11	4	12.8	140	115	95	9	4
71B5	14	5	16.3	160	130	110	9	4
71B14	14	5	16.3	105	85	70	7	4
80B5	19	6	21.8	200	165	130	11	4
80B14	19	6	21.8	120	100	80	7	4
90B5	24	8	27.3	200	165	130	11	4
90B14	24	8	27.3	140	115	95	9	4

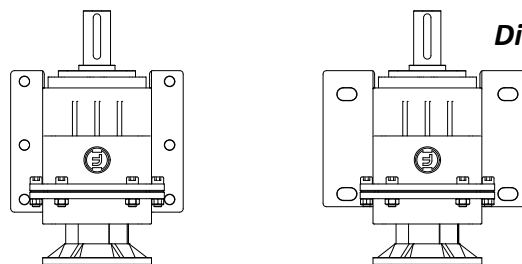


Wymiary przekładni

WAHF - MRC - 04 - ... - P(IEC)



Dimensions



B03

B04

B05

M03

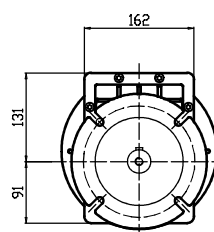
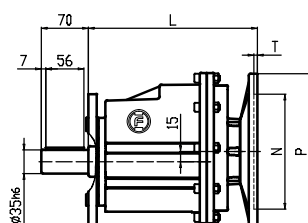
M04

Typ tap Foot code	U	V	V1	V2	V3	W	X	X1	Y	Z
B04	23.5	130	—	170	—	14	168	205	115	20
B05	19.5	149.5	—	180	—	14	185	215	130	20
M04	35	110	—	170	185	14	150	230	120	20
M03	33	100	—	135	150	11	150	190	120	18
B03	21	130	70	—	160	11	156	190	120	20

WAHF - MRCF - 04 - ... - P(IEC)

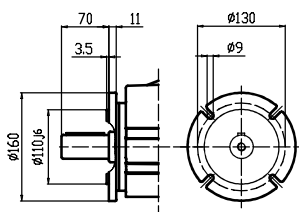


13.30

masa przekładni
bez oleju i silnika
without oil and motor

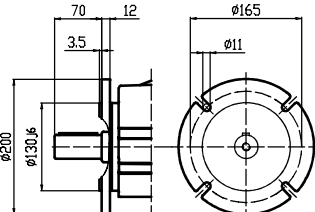
I

φ 160



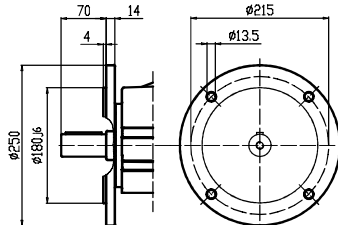
II

φ 200

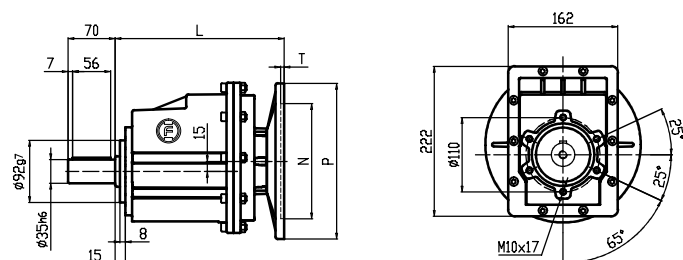


III

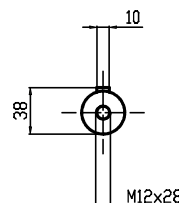
φ 250



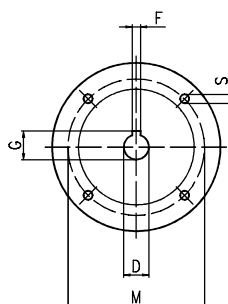
WAHF - MRCZ - 04 - ... - P(IEC)



Wał wyjściowy / Output shaft



Kołnierz wejściowy P (IEC) / Input flange P (IEC)



P (IEC)	ØD	F	G	P	M	N	S	T	L
80B5	19	6	21.8	200	165	130	11	4	232.5
80B14	19	6	21.8	120	100	80	7	4	232.5
90B5	24	8	27.3	200	165	130	11	4	232.5
90B14	24	8	27.3	140	115	95	9	4	232.5
100/112B5	28	8	31.3	250	215	180	13.5	4.5	250
100/112B14	28	8	31.3	160	130	110	9	4.5	250



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drive solutions



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