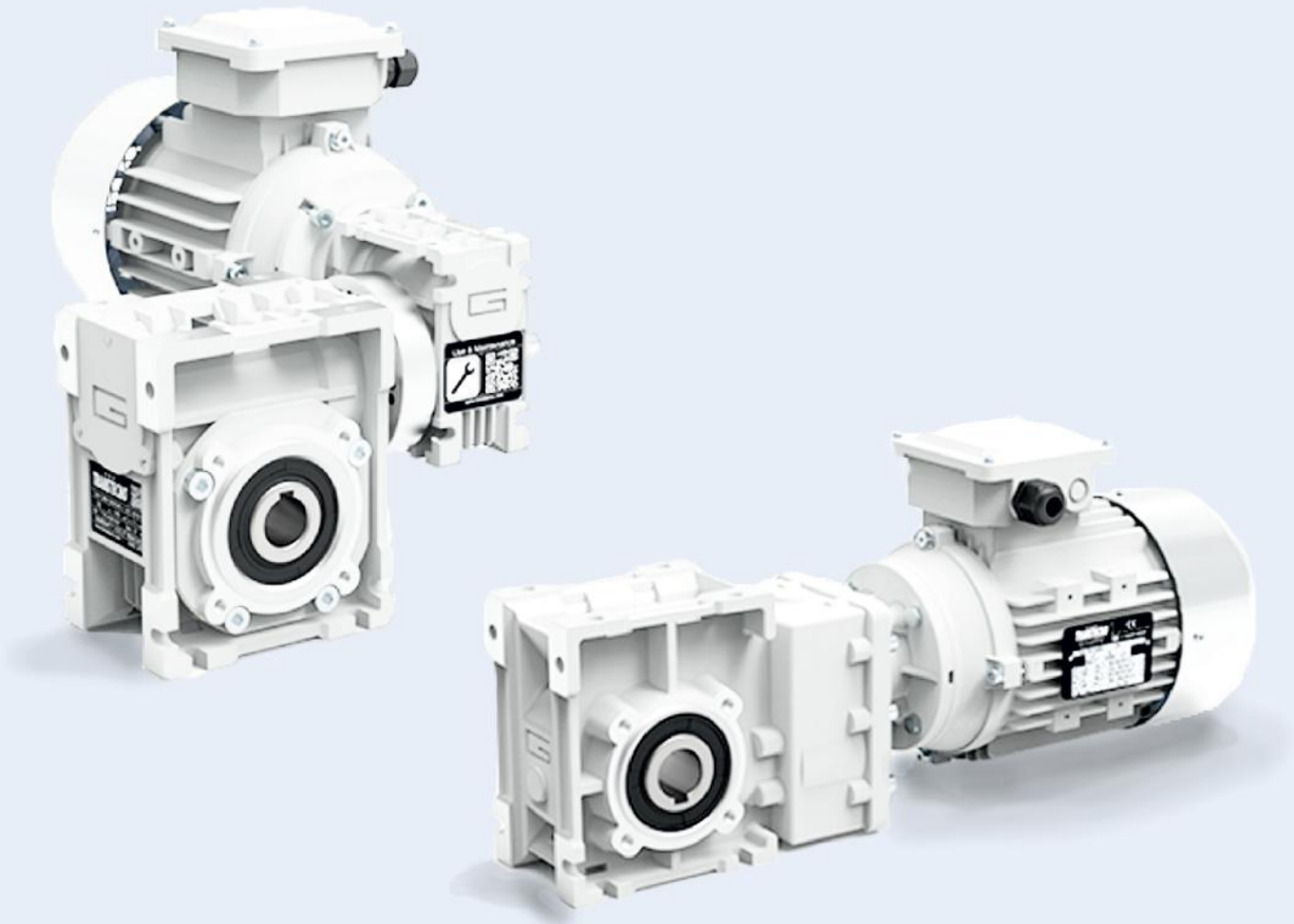


VYBO GEARS

Prevodovky pre všeobecné a ťažké prevádzky - sila, robustnosť a kompaktibilita

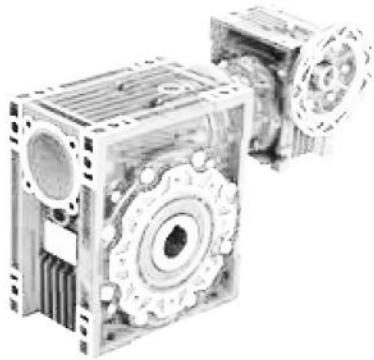
SOLUTIONS FOR INDUSTRY

Obsah

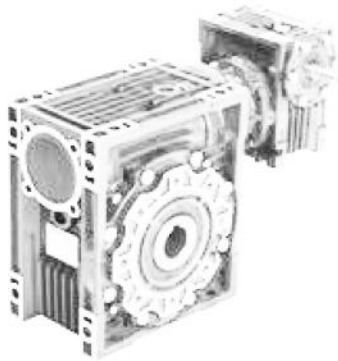
Usporiadanie

WGM025 150

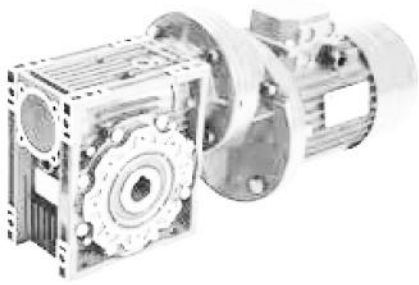
WGMHS030 150



WGM - WGM..



WGMHS - WGM..



PS - WGM..

Popisný kľúč

Závitová prevodovka

WGM 063 - FA1 - 40 - E - 71B5 B3

1 2 3 4 5 6 7

	Komentár
1	Typ modelu 1. WGM: Vstupný otvor s prírubou 2. WGMHS: Vstup hriadeľa bez príruby
2	Stredná vzdialenosť závitkovej prevodovky
3	1. Žiadna značka znamená žiadnu prírubu 2. FA, FB, FC, FD, FE (1/2): výstup príruby a poloha
4	Pomer rýchlosti reduktora (i = 7.5; 10; 15; 20; 25; 30; 40; 50; 60; 80; 100)
5	1. Žiadna značka znamená hriadeľ s jedným výsuvom 2. E: Závitovka s dvojitým výsuvom
6	Normalizovaná forma vstupnej príruby (bez motora)
7	Kód montážnej polohy

Závitkové prevodovky so špirálovou jednotkou

PS 071 - WGM 063 - FA1 - 40 - E - B3

1 2 3 4 5 6 7 8

	Komentár
1	Špirálová jednotka
2	Veľkosť kostry motora
3	Typ modelu 1. WGM: Vstupný otvor s prírubou 2. WGMHS: Vstup hriadeľa bez príruby
4	Stredná vzdialenosť závitkovej prevodovky
5	1. Žiadna značka znamená žiadnu prírubu 2. FA, FB, FC, FD, FE (1/2): výstup príruby a poloha
6	Pomer rýchlosti reduktora (i = 7.5; 10; 15; 20; 25; 30; 40; 50; 60; 80; 100)
7	1. Žiadna značka znamená hriadeľ s jedným výsuvom 2. E: Závitovka s dvojitým výsuvom
8	Kód montážnej polohy

Popisný kľúč

Dvojitá závitková prevodovka

WGM - 050/110 - FA1 - 900 - E 71B5 - B3

1 2 3 4 5 6 7

	Komentár
1	Typ modelu 1. WGM: Vstupný otvor s prírubou 2. WGMHS: Vstup hriadeľa bez príruby
2	Stredná vzdialenosť závitkovej prevodovky
3	1. Žiadna značka znamená žiadnu prírubu 2. FA, FB, FC, FD, FE (1/2): výstup príruby a poloha
4	Pomer rýchlosti reduktora
5	1. Žiadna značka znamená hriadeľ s jedným výsuvom 2. E: Závitovka s dvojitým výsuvom
6	Normalizovaná forma vstupnej príruby
7	Kód montážnej polohy

Prevádzkový faktor

Parametre, ktoré je treba vziať do úvahy pre vybranie najlepšieho prevádzkového faktoru, sú:

- Typ záťaže ovládaného stroja : A - B - C

- Dĺžka dennej prevádzky: hodiny/deň (Δ)

- Spustná frekvencia: počet štartov/hodina (*)

ZÁŤAŽ: A - jednotná fa ≤ 0 3

B – mierne otrasy fa ≤ 3

C – ťažké otrasy fa ≤ 10

fa = Je/Jm

- Je (kgm 2) moment zníženej externej zotrvačnosti u hnacieho hriadeľa

Jm (kgm 2) moment zotrvačnosti motora

- Ak fa> 10 volajte našu technickú podporu

A - Závitovkové podávače pre ľahké materiály, ventilátory, montážne linky,
dopravníkové pásy pre ľahké materiály,
malé miešačky, výťahy, čistiace stroje, plnivá, kontrolné stroje

B - Navíjacie zariadenia, drevoobrábacie stroje, nákladné výťahy, vyvažovačky, závitovacie stroje, stredné mixéry, pásové dopravníky pre ťažké materiály, navijaky, posuvné dvere, prihnojovacie škrabky, baliace stroje, miešačky betónu, žeriavové mechanizmy, frézy, skladacie stroje, prevodové lodičky

C - Miešačky pre ťažké materiály, nožnice, lisy, odstredivky, otáčajúce sa podpery, navijaky a výťahy pre ťažké materiály, brúsne sústruhy, kamenné mlyny, korčekové elevátory, vŕtačky, hámre, CAM lisy, skladacie stroje, točne, čistiace bubny, vibračné prístroje, drviče

Radiálna sila

Hodnota dovoleného radiálneho zaťaženia (N) je uvedená v tabuľkách týkajúcich sa výkonu danej prevodovky. To súvisí so zaťažením v osi hriadeľa a za najnepriaznivejších podmienok aj na uhle aplikácie a smere otáčania.

Maximálne prípustné axiálne zaťaženie je 1/5 hodnoty daného radiálneho zaťaženia, ak je použité v kombinácii s radiálnym zaťažením. Tabuľky týkajúce sa výstupných hriadeľov sú stanovené pre maximálnu prípustnú hodnotu. Táto hodnota nesmie byť prekročená, pretože sa vzťahuje k pevnosti daného prípadu. Konkrétne podmienky pre radiálne zaťaženie vyššieho, než je vzymedzené v katalógu sa tiež môžu objaviť. V tomto prípade, volajte našu technickú službu a poskytnite podrobnosti o danom použití: smer zaťaženia, smer otáčania hriadeľa, typ služby v prípade dvojitých predlžovacích hriadeľov s radiálnym zaťažením na oboch koncoch, maximálne prípustné radiálne zaťaženie musí byť definované podľa konkrétnych prevádzkových podmienok, v tomto prípade volajte našu technickú podporu.

Radiálne zaťaženie na hriadeli je vypočítané podľa nasledujúceho vzorca:

$$Frc = \frac{2000 \cdot M \cdot fz}{D} \leq Fr1\ 0\ Fr2$$

Ak nie je radiálne zaťaženie v osi hriadeľa, je potrebné upraviť dovolené radiálne zaťaženie FR1-2 podľa nasledujúceho vzorca:

$$Frx = \frac{Fr_{1-2} \cdot a}{(b + x)}$$

Kritické aplikácie

WGM	025	030	040	050	130	150	WGM -P	063	075	090	110
V5: 1500 < n1 < 3000	-	-	-	-	B	B	V5: 1500 < n1 < 3000	B	B	B	B
n1 > 3000	B	B	B	B	A	A	n1 >	B	B	A	A
	B	B	B	B	B	B	V6	B	B	B	B

Výkony uvedené v katalógu zodpovedajú pracovnej polohe B3 alebo podobnej, teda keď prvá etapa nie je úplne ponorená v oleji. Informácie pre iné polohy a/ alebo konkrétne rýchlosti vstupnej rýchlosti nájdete v tabuľkách, ktoré zvýrazňujú rôzne kritické situácie pre každú veľkosť prevodovkého reduktora. Je tiež nutné náležite sledovať a starostlivo posúdiť nasledujúce aplikácie, kedy je potrebné zavolať naše technické oddelenie:

- aby sa zabránilo použitiu multiplikátora
- použitie pri obsluhe, ktorá by mohla byť nebezpečná pre ľudí v prípade zlyhania prevodovky
- použitie pri obzvlášť veľkom momente zotrvačnosti
- použitie ako zdvíhacieho navijaku
- použitie pri vysokom dynamickom zaťažení na strane prevodovky
- v miestach s T° pod -5°C alebo nad 40°C
- použitie v chemicky agresívnom prostredí
- použitie v slanom prostredí
- montážne polohy nepredpokladané podľa katalógu
- použitie v radioaktívnom prostredí
- použitie pri tlaku okolia inom ako atmosferickom tlaku

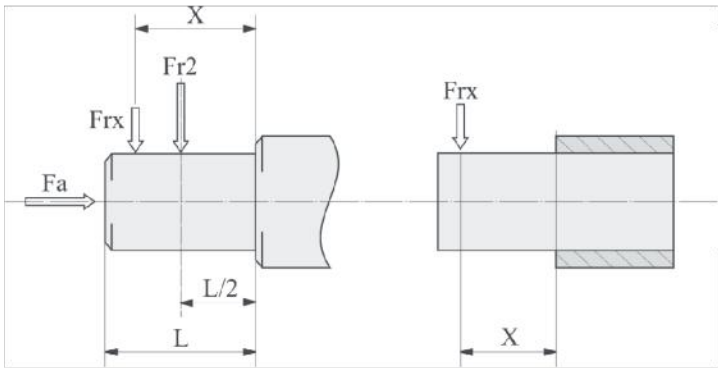
Vyhnite sa použitiu, kde by bolo požadované čo i len čiastočné ponorenie reduktora. Maximálny krútiaci moment (*), ktorý môže reduktor podporovať nesmie prekročiť dvojnásobok menovitého momentu (f s =1), ktorý je stanovený vo výkonových tabuľkách.

S obsluhou S3 je možné zvýšiť prenášaný krútiaci moment podľa pomeru, vstupnej rýchlosti a trvania aplikácie, v tomto prípade sa obráťte na naše technické služby.

(*) určené pre chvíľkové preťaženie z dôvodu plného zaťaženia, brzdenia, otrasov alebo iných príčin, predovšetkým tých, ktoré sú dynamického charakeru.

Vstupné radiálne zaťaženie

Ak nie je radiálne zaťaženie v osi hriadeľa, je potrebné upraviť dovolené radiálne zaťaženie FR2 podľa nasledujúceho vzorca:

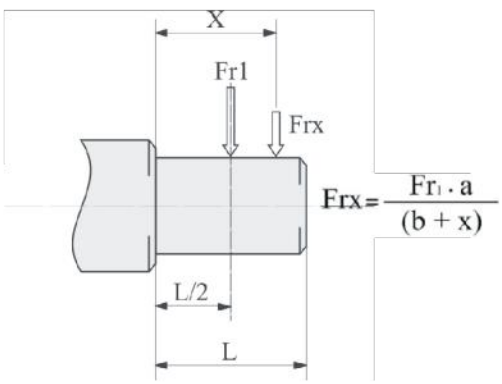


$$Frx = \frac{Fr_2 \cdot a}{(b + x)}$$

WGM/WGM -P	025	030	040	050	063	075	090	110	130	150
a	50	65	84	101	120	131	162	176	188	215
b	38	50	64	76	95	101	122	136	148	174
Fr2 max(**)	1350	1830	3490	4840	6270	7380	8180	12000	13500	18000

(**Fr) Maximálna prípustná hodnota reduktora; overiť maximálnu prípustnú hodnotu výkonových tabuliek

Ak nie je radiálne zaťaženie v osi hriadeľa, je potrebné upraviť dovolené radiálne zaťaženie FR1 podľa nasledujúceho vzorca:



$$Frx = \frac{Fr_1 \cdot a}{(b + x)}$$

(**Fr) Maximálna prípustná hodnota reduktora; overiť maximálnu prípustnú hodnotu výkonových tabuliek

WGM/WGM-P	030	050	063	075	090	110	130	150
a	86	129	159	192	227	266	314	350
b	76	114	139	167	202	236	274	310
Fr1 max(**)	210	490	700	980	1270	1700	2100	2800

Momenty zotrvačnosti

WGM	J *1E -4 [Kg*m2]
025	0,03
030	0,10
040	0,3
050	0,8
130	22,5
150	52,9

WGM -P	J *1E -4 [Kg*m2]
063	2,2
075	4,4
090	8,2
110	19,9

Nasledujúce hodnoty sú iba orientačné a vzťahujú sa na prevodovky vybavených vstupom PAM. Tieto hodnoty sa vzťahujú k maximálnemu momentu zotrvačnosti.

Mazanie

V prípade teplôt, ktoré nie sú v tabuľke predpokladané, volajte technický servis. Pri teplotách pod -30°C alebo nad 60°C je nutné použiť olejové tesnenie so špeciálnymi vlastnosťami. Pri pracovných rozsahoch s teplotami pod 0°je potrebné vziať do úvahy nasledovné:

1 Motory musia byť vhodné na prevádku pri predpokladanej teplote okolia

2 Výkon elektrického motora musí byť dostatočný pre prekročenie vyššieho počiatočného momentu

3 V prípade loatinových prevodoviek venujte pozornosť vplyvu zaťaženia, nakoľko liatina môže mať problem s krehkosťou pri teplotách pod - 15°C

4 Pri skorých fázach prevádzky môžu nastať problémy s mazaním vzhľadom k vysokej úrovni viskozity spôosbenej olejom, a preto sa odporúča nechať otáčky bežať pár minút naprázdno

Olej je nutné meniť každých10,000 hodín. Táto doba závisí od typu služby a prostredia, v ktorom prevodovka pracuje. Pri prevodovkách, ktoré sa dodávajú bez olejových tesnení je mazanie trvalé a pretto nepotrebuje žiadnu údržbu.

	Teplota °C	ISO	SHELL	AGIP	ESSO	MOBIL	CASTROL	BP		
WGM025-105 PC063-090 WG30-49	-25 +50	Vg320	Tivela OIL S320	Telium VSF320	S220	Glygoyle 30	Alphasyn PG320	Energol SG-XP320		Syntetický olej
WGM110-130	-5 +40	Vg460	Omala OIL 460	Blasia 460	Spartan EP460	Mobilgear 634	Alpha MAX 460	Energol GR-XP460	CKE460	Minerálny olej
	-15 +25	Vg220	Omala OIL 220	Blasia 220	Spartan EP220	Mobilgear 630	Alpha MAX 220	Energol GR-XP220		

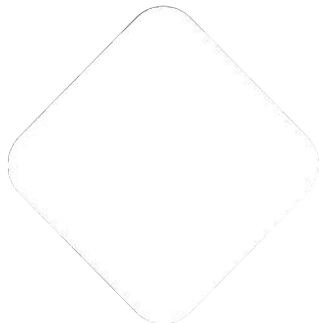
Montáž

Ak chcete namontovať prevodovku, je potrebné si uvedomiť nasledujúce odporúčania:

- Skontrolujte správny smer otáčania výstupného hriadeľa prevodovky pred montážou jednotky na stroji
- V prípade obzvlášť dlhej doby skladovania (4/6 mesiacov), v prípade, že tesnenie nie je ponorené do maziva vnútri jednotky, odporúča sa ho vymeniť, pretože guma sa mohla držať na hriadeli, alebo dokonca môže dôjsť k strate elasticity potrebnej pre správne fungovanie
- Kedykoľvek je to možné, chráňte prevodovku pred slnečným žiarením a nepriaznivými poveternostnými podmienkami
- Zabezpečite, že sa motor ochladzuje správne zabezpečením dobrého priechodu vzduchu zo strany ventilátora
- V prípade, že je okolitá teplota <-5 ° C alebo > + 40 ° C, volajte technický servis
- Jednotlivé diely (remenice, ozubené kolesá, spojky, hriadele, atď.) musia byť namontované na pevné alebo duté hriadele pomocou špeciálnych závitových otvorov alebo iných systémov, ktoré v každom prípade zaistia ich správnu montáž

Prevádzka bez rizika poškodenia ložísk alebo externých častí jednotky. Namažte styčné plochy, aby ste zabránili odretiu alebo oxidácii.

- Maľovanie nesmie za žiadnych okolností prechádzať gumovými plochami a otvormi na odvzdušňovacej zátke, ak je nejaká použitá
- U jednotiek vybavených olejovými zátkami nahraďte uzavretú zátku použitú na prepravu špeciálnou odvzdušňovacou zátkou
- Skontrolujte správnu úroveň mazivá pomocou ukazovateľa, ak existuje
- Naštartovanie musí prebehnúť tak, aby sa neuplatnilo hneď maximálne zaťaženie
- Ak existujú časti, predmety alebo materiály pod motorovým pohonom, ktoré môžu byť poškodené hoci aj obmedzeným únikom oleja, mala by byť zabezpečená zvláštna ochrana



Relevantné dáta

n_1=1400r/min		WGM 025/030			WGM 025/040			WGM 030/040			WGM 030/050			WGM 030/063		
i	n_2	P_1 [kW]	i_{025}	i_{030}	P_1 [kW]	i_{025}	i_{040}	P_1 [kW]	i_{030}	i_{040}	P_1 [kW]	i_{030}	i_{050}	P_1 [kW]	i_{030}	i_{063}
100	14	0.09	10	10	–	–	–	–	–	–	–	–	–	–	–	–
150	9.3	0.06	10	15	–	–	–	–	–	–	–	–	–	–	–	–
200	7	0.06	10	20	–	–	–	–	–	–	–	–	–	–	–	–
250	5.6	0.06	10	25	–	–	–	–	–	–	–	–	–	–	–	–
300	4.7	0.06	10	30	0.06	10	30	0.09	10	30	0.18	10	30	0.22	10	30
400	3.5	0.06	20	20	0.06	10	40	0.06	10	40	0.12	10	40	0.18	10	40
500	2.8	0.06	20	25	0.06	20	25	0.06	20	25	0.09	10	50	0.18	10	50
600	2.3	0.06	20	30	0.06	20	30	0.06	20	30	0.09	20	30	0.12	20	30
750	1.9	0.06	30	25	0.06	25	30	0.06	25	30	0.09	25	30	0.12	25	30
900	1.6	0.06	30	30	0.06	30	30	0.06	30	30	0.06	30	30	0.09	30	30
1200	1.2	0.06	40	30	0.06	40	30	0.06	40	30	0.06	40	30	0.09	40	30
1500	0.93	0.06	50	30	0.06	50	30	0.06	50	30	0.06	50	30	0.06	50	30
1800	0.78	0.06	60	30	0.06	60	30	0.06	60	30	0.06	60	30	0.06	60	30
2400	0.58	0.06	60	40	0.06	60	40	0.06	60	40	0.06	60	40	0.06	60	40
3000	0.47	0.06	60	50	0.06	60	50	0.06	–	–	0.06	60	50	0.06	60	50
3200	0.44	–	–	–	–	–	–	–	80	40	–	–	–	–	–	–
4000	0.35	–	–	–	0.06	50	80	0.06	80	50	0.06	80	50	0.06	80	50
4800	0.29	–	–	–	–	–	–	–	–	–	0.06	80	60	–	–	–
5000	0.28	–	–	–	0.06	50	100	0.06	50	100	–	–	–	0.06	100	50

n_1=1400r/min		WGM 040/075			WGM 040/090			WGM 050/105			WGM 050/110			WGM 063/130		
i	n_2	P_1 [kW]	i_{040}	i_{075}	P_1 [kW]	i_{040}	i_{090}	P_1 [kW]	i_{050}	i_{105}	P_1 [kW]	i_{050}	i_{110}	P_1 [kW]	i_{063}	i_{130}
300	4.7	0.37	10	30	0.37	10	30	0.75	10	30	0.75	10	30	1.5	10	30
400	3.5	0.25	10	40	0.37	10	40	0.75	10	40	0.75	10	40	1	10	40
500	2.8	0.25	10	50	0.37	10	50	0.55	20	25	0.55	20	25	1	10	50
600	2.3	0.18	20	30	0.37	20	30	0.55	20	30	0.55	20	30	0.75	15	40
750	1.9	0.18	25	30	0.25	25	30	0.55	25	30	0.55	25	30	0.75	25	30
900	1.6	0.12	30	30	0.25	30	30	0.37	30	30	0.37	30	30	0.75	30	30
1200	1.2	0.12	40	30	0.18	40	30	0.25	40	30	0.25	40	30	0.55	40	30
1500	0.93	0.09	50	30	0.18	50	30	0.25	50	30	0.25	50	30	0.37	50	30
1800	0.78	0.09	60	30	0.12	60	30	0.25	60	30	0.25	60	30	0.37	60	30
2400	0.58	0.06	60	40	0.12	60	40	0.18	60	40	0.18	60	40	0.25	60	40
3000	0.47	0.06	60	50	0.09	60	50	0.12	60	50	0.12	60	50	0.25	60	50
4000	0.35	0.06	80	50	0.06	80	50	0.12	80	50	0.12	80	50	0.25	80	50
5000	0.28	0.06	100	50	0.06	100	50	0.12	100	50	0.12	100	50	0.25	100	50

Relevantné dáta

Pomer a motorové adaptéry IEC

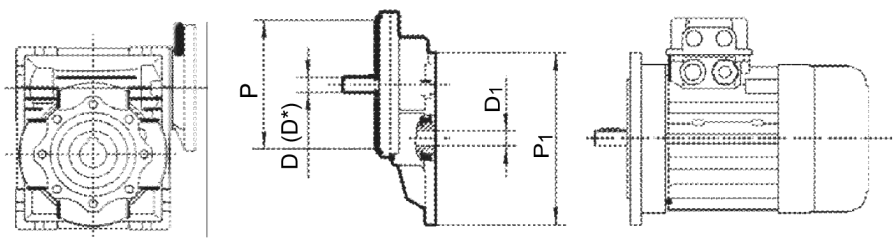
	IEC				D Diameter / The hole diameter of input shaft										
					i Übersetzung / ratio										
	IEC	P	M	N	7.5	10	15	20	25	30	40	50	60	80	100
WGM025	56B14	80	65	50	9	9	9	9	9	9	9	9	9		
WGM030	56B5	120	100	80	9	9	9	9	9	9	9	9	9	9	
	56B14	80	65	50											
	63B5	140	115	95	11	11	11	11	11	11	11	11			
	63B14	90	75	60											
WGM040	56B5	120	100	80								9	9	9	9
	63B5	140	115	95	11	11	11	11	11	11	11	11	11	11	11
	63B14	90	75	60											
	71B5	160	130	110	14	14	14	14	14	14	14				
	71B14	105	85	70											
WGM050	63B5	140	115	95								11	11	11	11
	71B5	160	130	110	14	14	14	14	14	14	14	14	14	14	
	71B14	105	85	70											
	80B5	200	165	130	19	19	19	19	19	19					
	80B14	120	100	80											
WGM063	71B5	160	130	110							14	14	14	14	14
	71B14	105	85	70											
	80B5	200	165	130	19	19	19	19	19	19	19	19	19	19	
	80B14	120	100	80											
	90B5	200	165	130	24	24	24	24	24	24	24				
	90B14	140	115	95											
WGM075	71B5	160	130	110								14	14	14	14
	80B5	200	165	130				19	19	19	19	19	19	19	19
	80B14	120	100	80											
	90B5	200	165	130	24	24	24	24	24	24	24				
	90B14	140	115	95											
	100 / 112B5	250	215	180	28	28	28								
	100 / 112B14	160	130	110											
WGM090	80B5	200	165	130							19	19	19	19	19
	80B14	120	100	80											
	90B5	200	165	130	24	24	24	24	24	24	24	24	24		
	90B14	140	115	95											
	100 / 112B5	250	215	180	28	28	28	28	28	28					
	100 / 112B14	160	130	110											
WGM105	80B5	200	165	130										19	19
	90B5	200	165	130					24	24	24	24	24	24	24
	100 / 112B5	250	215	180	28	28	28	28	28	28	28	28	28		
	132B5	300	265	230	38*	38*	38*	38*							
WGM110	80B5	200	165	130										19	19
	90B5	200	165	130					24	24	24	24	24	24	24
	100 / 112B5	250	215	180	28	28	28	28	28	28	28	28	28		
	132B5	300	265	230	38*	38*	38*	38*							
WGM130	90B5	200	165	130										24	24
	100 / 112B5	250	215	180					28	28	28	28	28	28	28
	132B5	300	265	230	38*	38*	38*	38*	38*	38*	38*				

Relevantné dáta

	i	7.5	10	15	20	25	30	40	50	60	80	100
WGM025	z_1	4	3	2	2	2	1	1	1	1		
	m_n	1.18	1.23	1.27	0.98	0.79	1.29	0.99	0.80	0.67		
	γ	25°18	19°31	13°18	11°2	9°5	6°44	5°34	4°34	3°55		
	$\eta_{d\ (n_1=1400r/min)}$	0.85	0.83	0.79	0.76	0.73	0.68	0.64	0.59	0.56		
	η_s	0.71	0.67	0.60	0.56	0.52	0.45	0.41	0.36	0.33		
WGM030	z_1	4	3	2	2	1	1	1	1	1	1	
	m_n	1.36	1.39	1.42	1.09	1.69	1.43	1.10	0.89	0.74	0.56	
	γ	18°55	14°25	9°44	7°50	5°33	4°54	3°56	3°17	2°43	2°7	
	$\eta_{d\ (n_1=1400r/min)}$	0.84	0.81	0.76	0.72	0.66	0.64	0.59	0.54	0.50	0.44	
	η_s	0.66	0.62	0.54	0.49	0.41	0.38	0.33	0.29	0.26	0.21	
WGM040	z_1	4	3	2	2	2	1	1	1	1	1	1
	m_n	1.87	1.95	2.00	1.54	1.26	2.04	1.55	1.27	1.06	0.80	0.65
	γ	23°54	18°23	12°30	10°3	8°45	6°19	5°4	4°24	3°42	2°52	2°29
	$\eta_{d\ (n_1=1400r/min)}$	0.86	0.84	0.80	0.77	0.74	0.69	0.65	0.61	0.57	0.51	0.47
	η_s	0.70	0.66	0.59	0.54	0.51	0.44	0.39	0.36	0.32	0.27	0.24
WGM050	z_1	4	3	2	2	2	1	1	1	1	1	1
	m_n	2.34	2.43	2.50	1.92	1.56	2.54	1.94	1.58	1.32	1.00	0.80
	γ	23°49	18°19	12°27	10°3	8°33	6°18	5°4	4°18	3°38	2°52	2°17
	$\eta_{d\ (n_1=1400r/min)}$	0.87	0.85	0.81	0.78	0.75	0.71	0.67	0.63	0.59	0.53	0.48
	η_s	0.70	0.66	0.59	0.54	0.51	0.44	0.39	0.36	0.32	0.27	0.24
WGM063	z_1	4	3	2	2	2	1	1	1	1	1	1
	m_n	2.96	3.08	3.17	2.44	1.98	3.23	2.47	1.99	1.68	1.27	1.02
	γ	24°31	18°53	12°51	10°29	8°45	6°30	5°17	4°24	3°49	2°59	2°26
	$\eta_{d\ (n_1=1400r/min)}$	0.88	0.86	0.82	0.80	0.77	0.73	0.69	0.65	0.62	0.56	0.51
	η_s	0.70	0.66	0.59	0.55	0.51	0.44	0.40	0.36	0.33	0.28	0.24
WGM075	z_1	4	3	2	2	2	1	1	1	1	1	1
	m_n	3.53	3.70	3.83	2.94	2.39	3.92	2.99	2.41	2.02	1.54	1.24
	γ	26°38	20°37	14°5	11°19	9°29	7°9	5°43	4°46	4°1	3°17	2°44
	$\eta_{d\ (n_1=1400r/min)}$	0.88	0.87	0.84	0.81	0.79	0.76	0.72	0.68	0.64	0.59	0.55
	η_s	0.71	0.68	0.61	0.57	0.53	0.47	0.41	0.37	0.34	0.29	0.26
WGM090	z_1	4	3	2	2	2	1	1	1	1	1	1
	m_n	4.23	4.47	4.66	3.60	2.93	4.79	3.67	2.97	2.49	1.89	1.52
	γ	29°5	22°39	15°33	12°50	10°53	7°55	6°30	5°29	4°46	3°45	3°6
	$\eta_{d\ (n_1=1400r/min)}$	0.89	0.88	0.85	0.83	0.81	0.78	0.74	0.71	0.68	0.63	0.59
	η_s	0.72	0.69	0.63	0.59	0.56	0.49	0.44	0.41	0.37	0.32	0.28
WGM105	z_1	4	3	2	2	2	1	1	1	1	1	1
	m_n	5.18	5.45	5.67	4.47	3.64	5.82	4.58	3.71	3.12	2.36	1.91
	γ	28°15	21°57	15°2	14°42	12°33	7°39	7°29	6°21	5°33	4°27	3°46
	$\eta_{d\ (n_1=1400r/min)}$	0.89	0.88	0.86	0.85	0.83	0.79	0.77	0.74	0.72	0.67	0.63
	η_s	0.72	0.69	0.62	0.62	0.59	0.48	0.48	0.44	0.41	0.36	0.32
WGM110	z_1	4	3	2	2	2	1	1	1	1	1	1
	m_n	5.18	5.45	5.67	4.47	3.64	5.82	4.58	3.71	3.12	2.36	1.91
	γ	28°15	21°57	15°2	14°42	12°33	7°39	7°29	6°21	5°33	4°27	3°46
	$\eta_{d\ (n_1=1400r/min)}$	0.89	0.88	0.86	0.85	0.83	0.79	0.77	0.74	0.72	0.67	0.63
	η_s	0.72	0.69	0.62	0.62	0.59	0.48	0.48	0.44	0.41	0.36	0.32
WGM130	z_1	4	3	2	2	2	1	1	1	1	1	1
	m_n	6.11	6.45	6.72	5.24	4.28	6.91	5.36	4.35	3.65	2.76	2.23
	γ	28°43	22°20	15°19	13°47	11°54	7°48	6°60	6°1	5°16	4°8	3°27
	$\eta_{d\ (n_1=1400r/min)}$	0.90	0.89	0.87	0.85	0.84	0.80	0.78	0.75	0.73	0.68	0.64
	η_s	0.72	0.69	0.63	0.61	0.58	0.49	0.46	0.43	0.40	0.34	0.30

Relevantné dáta

	i	PS 063		PS 071		PS 080			PS 090		
		105 / 11 i = 3	105 / 14 i = 3	120 / 14 i = 3	120 / 19 i = 3	160 / 19 i = 3	160 / 24 i = 3	160 / 28 i = 3	160 / 19 i = 2.42	160 / 24 i = 2.42	160 / 28 i = 2.42
WGM040	25										
	30										
	40										
	50										
	60										
	80										
	100										
WGM050	25										
	30										
	40										
	50										
	60										
	80										
	100										
WGM063	25										
	30										
	40										
	50										
	60										
	80										
	100										
WGM075	25										
	30										
	40										
	50										
	60										
	80										
	100										
WGM090	25										
	30										
	40										
	50										
	60										
	80										
	100										
WGM105	25										
	30										
	40										
	50										
	60										
	80										
	100										
WGM110	25										
	30										
	40										
	50										
	60										
	80										
	100										
WGM130	25										
	30										
	40										
	50										
	60										
	80										
	100										



	P	D	D*	P_1	D_1
PS 063	105	11	14	140 (63B5)	11
PS 071	120	14	19	160 (71B5)	14
PS 080	160	19	24 28	200 (80B5)	19
PS 090	160	24	19 28	200 (90B5)	24

* Iba na vyžiadanie

Výberová tabuľka prevodovky

Parametre výkonu

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_s			
0.06	186.7	2.6	7.5	503	4.2	**WGM025**	**56B14**	**56A4**
	140	3.4	10	553	3.5			
	93.3	4.9	15	633	2.5			
	70	6.2	20	697	1.9			
	56	7.5	25	751	1.7			
	46.7	8.3	30	798	1.6			
	35	10	40	878	1.2			
	28	12	50	946	0.9			
	23.3	14	60	1006	0.7			
	186.7	2.6	7.5	683	7.0	**WGM030**	**56B5/B14**	**56A4**
	140	3.3	10	752	5.4			
	93.3	4.7	15	861	3.9			
	70	5.9	20	948	3.1			
	56	6.8	25	1021	3.1			
	46.7	7.9	30	1085	2.5			
	35	9.7	40	1194	1.9			
	28	11	50	1286	1.5			
	23.3	12	60	1367	1.3			
	17.5	14	80	1504	0.9			
0.09	373.3	2.0	7.5	399	3.9	**WGM025**	**56B14**	**56A2**
	280	2.6	10	439	3.4			
	186.7	3.8	15	503	2.4			
	140	4.9	20	553	1.8			
	112	5.9	25	590	1.5			
	93.3	6.7	30	633	1.3			
	70	8.5	40	697	1.1			
	56	10	50	751	0.9			
	186.7	3.9	7.5	503	2.8	**WGM025**	**56B14**	**56B4**
	140	5.1	10	553	2.4			
	93.3	7.3	15	633	1.6			
	70	9.3	20	697	1.3			
	56	11	25	751	1.2			
	46.7	13	30	798	1.0			
	35	16	40	878	0.8			
	373.3	2.0	7.5	542	6.5	**WGM030**	**56B5/B14**	**56A2**
	280	2.6	10	597	5.0			
	186.7	3.7	15	683	3.5			
	140	4.7	20	752	2.5			
	112	5.5	25	810	2.9			
	93.3	6.4	30	861	2.3			
	70	8.0	40	948	1.8			
	56	9.4	50	1021	1.4			
	46.7	10	60	1085	1.1			
	35	13	80	1194	0.9			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_S			
0.09	186.7	3.9	7.5	683	4.7	**WGM030**	**56B5/B14**	**56B4**
	140	5.0	10	752	3.6			
	93.3	7.0	15	861	2.6			
	70	8.8	20	948	2.0			
	56	10	25	1021	2.1			
	46.7	12	30	1085	1.7			
	35	14	40	1194	1.2			
	28	17	50	1286	1.0			
	23.3	18	60	1367	0.9			
	28	19	50	2475	2.1	**WGM040**	**56B5**	**56B4**
	23.3	21	60	2630	1.7			
	17.5	25	80	2895	1.3			
	14	29	100	3118	1.0			
0.12	373.3	2.7	7.5	399	3.0	**WGM025**	**56B14**	**56B2**
	280	3.5	10	439	2.6			
	186.7	5.1	15	503	1.8			
	140	6.5	20	553	1.4			
	112	7.9	25	590	1.1			
	93.3	9.0	30	633	1.0			
	70	11	40	697	0.8			
	186.7	5.2	7.5	683	3.5	**WGM030**	**63B5/B14**	**63A4**
	140	6.6	10	752	2.7			
	93.3	9.3	15	861	1.9			
	70	12	20	948	1.5			
	56	14	25	1021	1.6			
	46.7	16	30	1085	1.3			
	35	19	40	1194	0.9			
	28	22	50	1286	0.8			
	46.7	17	30	2087	2.7	**WGM040**	**63B5/B14**	**63A4**
	35	21	40	2298	1.9			
	28	25	50	2475	1.6			
	23.3	28	60	2630	1.3			
	17.5	33	80	2895	1.0			
	14	38	100	3118	0.8			
	23.3	29	60	3610	2.3	**WGM050**	**63B5**	**63A4**
	17.5	35	80	3973	1.9			
	14	39	100	4280	1.4			
0.18	373.3	4.0	7.5	542	3.2	**WGM030**	**63B5/B14**	**63A2**
	280	5.2	10	597	2.5			
	186.7	7.4	15	683	1.8			
	140	9.5	20	752	1.3			
	112	11	25	810	1.4			
	93.3	13	30	861	1.2			
	70	16	40	948	0.9			
	186.7	7.7	7.5	683	2.3	**WGM030**	**63B5/B14**	**63B4**
	140	10	10	752	1.8			
	93.3	14	15	861	1.3			
	70	18	20	948	1.0			
	56	20	25	1021	1.0			
	46.7	24	30	1085	0.8			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_s			
0.18	93.3	14	30	1657	2.5	**WGM040**	**63B5/B14**	**63A2**
	70	17	40	1824	1.8			
	56	21	50	1964	1.4			
	70	19	20	1824	2.1	**WGM040**	**63B5/B14**	**63B4**
	56	23	25	1964	1.7			
	46.7	25	30	2087	1.8			
	35	32	40	2298	1.3			
	28	37	50	2475	1.0			
	23.3	42	60	2630	0.9			
	45	28	20	2113	1.6	**WGM040**	**71B5/B14**	**71A6**
	36	34	25	2276	1.3			
	30	38	30	2419	1.3			
	22.5	47	40	2662	1.0			
	46.7	24	60	2865	2.1	**WGM050**	**63B5**	**63A2**
	35	30	80	3153	1.5			
	28	34	100	3397	1.2			
	35	33	40	3153	2.3	**WGM050**	**63B5**	**63B4**
	28	39	50	3397	1.9			
	23.3	43	60	3610	1.6			
	17.5	52	80	3973	1.2			
	14	59	100	4280	0.9			
	18	56	50	3936	1.4	**WGM050**	**71B5/B14**	**71A6**
	15	63	60	4183	1.1			
	11.3	75	80	4604	0.9			
	15	66	60	5467	2.1	**WGM063**	**71B5/B14**	**71A6**
	11.3	79	80	6018	1.6			
	9	90	100	6270	1.4			
0.25	373.3	5.6	7.5	542	2.3	**WGM030**	**63B5/B14**	**63B2**
	280	7.2	10	597	1.8			
	186.7	10	15	683	1.3			
	140	13	20	752	0.9			
	112	15	25	810	1.0			
	93.3	18	30	861	0.8			
	186.7	11	7.5	1315	3.6	**WGM040**	**71B5/B14**	**71A4**
	140	14	10	1447	2.8			
	93.3	20	15	1657	2.0			
	70	26	20	1824	1.5			
	56	32	25	1964	1.2			
	46.7	35	30	2087	1.3			
	35	44	40	2298	0.9			
	120	17	7.5	1524	2.6	**WGM040**	**71B5/B14**	**71B6**
	90	22	10	1677	2.0			
	60	31	15	1920	1.4			
	45	39	20	2113	1.1			
	36	48	25	2276	0.9			
	30	53	30	2419	0.9			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_S			
0.25	35	42	80	3153	1.1	**WGM050**	**63B5/B14**	**63B2**
	28	48	100	3397	0.8			
	70	27	20	2503	2.7	**WGM050**	**71B5/B14**	**71A4**
	56	32	25	2696	2.2			
	46.7	36	30	2865	2.3			
	35	46	40	3153	1.7			
	28	54	50	3397	1.4			
	23.3	60	60	3610	1.1			
	17.5	72	80	3973	0.9			
	45	40	20	2900	1.9	**WGM050**	**71B5/B14**	**71B6**
	36	48	25	3124	1.5			
	30	54	30	3320	1.7			
	22.5	67	40	3654	1.2			
	18	78	50	3936	1.0			
	15	88	60	4183	0.8			
	28	55	50	4440	2.4	**WGM063**	**71B5/B14**	**71A4**
	23.3	63	60	4719	2.0			
	17.5	76	80	5193	1.6			
	14	87	100	5595	1.4			
	18	81	50	5145	1.8	**WGM063**	**71B5/B14**	**71B6**
	15	92	60	5467	1.5			
	11.3	110	80	6018	1.2			
	9	125	100	6270	1.0			
	17.5	80	80	6130	2.4	**WGM075**	**71B5**	**71A4**
	14	94	100	6603	1.9			
	11.3	117	80	7103	1.7	**WGM075**	**71B5**	**71B6**
	9	133	100	7380	1.4			
0.37	373.3	8.3	7.5	1044	3.4	**WGM040**	**71B5/B14**	**71A2**
	280	11	10	1149	2.6			
	186.7	16	15	1315	1.9			
	140	20	20	1447	1.4			
	112	25	25	1559	1.1			
	186.7	16	7.5	1315	2.5	**WGM040**	**71B5/B14**	**71B4**
	140	21	10	1447	1.9			
	93.3	30	15	1657	1.3			
	70	39	20	1824	1.0			
	56	47	25	1964	0.8			
	46.7	52	30	2087	0.9			
	112	25	25	2140	2.0	**WGM050**	**71B5/B14**	**71A2**
	93.3	29	30	2274	2.2			
	70	37	40	2503	1.6			
	56	44	50	2696	1.2			
	46.7	50	60	2865	1.0			
	35	62	80	3153	0.7			
	140	21	10	1987	3.4	**WGM050**	**71B5/B14**	**71B4**
	93.3	31	15	2274	2.4			
	70	39	20	2503	1.9			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_s			
0.37	56	47	25	2696	1.5	**WGM050**	**71B5/B14**	**71B4**
	46.7	54	30	2865	1.6			
	35	68	40	3153	1.1			
	28	80	50	3397	0.9			
	23.3	89	60	3610	0.8			
	120	25	7.5	2091	3.4	**WGM050**	**80B5/B14**	**80A6**
	90	33	10	2302	2.6			
	60	47	15	2635	1.8			
	45	59	20	2900	1.3			
	36	72	25	3124	1.0			
	30	80	30	3320	1.1			
	35	70	40	4122	2.1	**WGM063**	**71B5/B14**	**71B4**
	28	82	50	4440	1.6			
	23.3	94	60	4719	1.4			
	17.5	113	80	5193	1.1			
	14	129	100	5595	0.9			
	45	60	20	3791	2.4	**WGM063**	**80B5/B14**	**80A6**
	36	73	25	4084	1.9			
	30	82	30	4339	2.1			
	22.5	102	40	4776	1.6			
	18	120	50	5145	1.2			
	15	137	60	5467	1.0			
	23.3	97	60	5569	2.1	**WGM075**	**71B5**	**71B4**
	17.5	119	80	6130	1.6			
	14	139	100	6603	1.3			
	18	124	50	6073	1.8	**WGM075**	**80B5/B14**	**80A6**
	15	141	60	6453	1.5			
	11.3	173	80	7103	1.2			
	9	196	100	7380	1.0			
	11.3	185	80	7859	1.7	**WGM090**	**80B5/B14**	**80A6**
	9	212	100	8180	1.3			
0.55	373.3	12	7.5	1044	2.3	**WGM040**	**71B5/B14**	**71B2**
	280	16	10	1149	1.8			
	186.7	24	15	1315	1.3			
	140	30	20	1447	1.0			
	112	37	25	1559	0.8			
	140	31	20	1987	1.7	**WGM050**	**71B5/B14**	**71B2**
	112	38	25	2140	1.4			
	93.3	43	30	2274	1.5			
	70	55	40	2503	1.1			
	56	65	50	2696	0.8			
	46.7	74	60	2865	0.7			
	186.7	24	7.5	1805	2.9	**WGM050**	**80B5/B14**	**80A4**
	140	32	10	1987	2.3			
	93.3	46	15	2274	1.6			
	70	59	20	2503	1.2			
	56	70	25	2696	1.0			
	46.7	80	30	2865	1.1			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_S			
0.55	120	37	7.5	2091	2.3	**WGM050**	**80B5/B14**	**80B6**
	90	48	10	2302	1.7			
	60	69	15	2635	1.2			
	45	88	20	2900	0.9			
	70	56	40	3272	1.9	**WGM063**	**71B5/B14**	**71B2**
	56	68	50	3524	1.5			
	46.7	78	60	3745	1.2			
	35	96	80	4122	0.9			
	28	111	100	4440	0.7			
	70	60	20	3272	2.2	**WGM063**	**80B5/B14**	**80A4**
	56	72	25	3524	1.8			
	46.7	82	30	3745	1.9			
	35	104	40	4122	1.4			
	28	122	50	4440	1.1			
	23.3	140	60	4719	0.9			
	60	70	15	3444	2.2	**WGM063**	**80B5/B14**	**80B6**
	45	90	20	3791	1.6			
	36	108	25	4084	1.3			
	30	123	30	4339	1.4			
	22.5	152	40	4776	1.1			
	35	99	80	4865	1.3	**WGM075**	**71B5**	**71B2**
	28	116	100	5241	1.0			
	35	108	40	4865	2.0	**WGM075**	**80B5/B14**	**80A4**
	28	128	50	5241	1.6			
	23.3	144	60	5569	1.4			
	17.5	177	80	6130	1.1			
	14	206	100	6603	0.9			
	30	124	30	5122	2.1	**WGM075**	**80B5/B14**	**80B6**
	22.5	156	40	5637	1.5			
	18	184	50	6073	1.2			
	15	210	60	6453	1.0			
	17.5	189	80	6783	1.5	**WGM090**	**80B5/B14**	**80A4**
	14	221	100	7306	1.2			
	18	196	50	6719	2.0	**WGM090**	**80B5/B14**	**80B6**
	15	224	60	7140	1.6			
	11.3	275	80	7859	1.1			
	9	315	100	8180	0.9			
	17.5	201	80	8571	2.4	**WGM105**	**80B5**	**80A4**
	14	236	100	9232	1.9			
	11.3	294	80	9931	1.8	**WGM105**	**80B5**	**80B6**
	9	344	100	10320	1.4			
	17.5	201	80	8571	2.6	**WGM110**	**80B5**	**80A4**
	14	236	100	9232	2.0			
	11.3	294	80	9931	1.9	**WGM110**	**80B5**	**80B6**
	9	344	100	10320	1.5			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_S			
0.75	373.3	17	7.5	1433	3.0	**WGM050**	**80B5/B14**	**80A2**
	280	22	10	1577	2.4			
	186.7	31	15	1805	1.7			
	140	41	20	1987	1.3			
	112	49	25	2140	1.0			
	93.3	56	30	2274	1.1			
	186.7	33	7.5	1805	2.1	**WGM050**	**80B5/B14**	**80B4**
	140	43	10	1987	1.7			
	93.3	62	15	2274	1.2			
	70	80	20	2503	0.9			
	140	43	20	2597	2.3	**WGM063**	**80B5/B14**	**80A2**
	112	52	25	2797	1.8			
	93.3	60	30	2973	2.0			
	70	77	40	3272	1.4			
	56	92	50	3524	1.1			
	46.7	106	60	3745	0.9			
	93.3	63	15	2973	2.2	**WGM063**	**80B5/B14**	**80B4**
	70	82	20	3272	1.6			
	56	98	25	3524	1.3			
	46.7	112	30	3745	1.4			
	35	141	40	4122	1.0			
	120	51	7.5	2734	2.9	**WGM063**	**90B5/B14**	**90S6**
	90	67	10	3009	2.3			
	60	96	15	3444	1.6			
	45	123	20	3791	1.2			
	36	147	25	4084	0.9			
	30	167	30	4339	1.0			
	46.7	107	60	4421	1.3	**WGM075**	**80B5/B14**	**80A2**
	35	135	80	4865	1.0			
	28	159	100	5241	0.8			
	56	101	25	4160	2.0	**WGM075**	**80B5/B14**	**80B4**
	46.7	117	30	4421	2.0			
	35	147	40	4865	1.5			
	28	174	50	5241	1.2			
	23.3	196	60	5569	1.0			
	60	97	15	4065	2.4	**WGM075**	**90B5/B14**	**90S6**
	45	124	20	4474	1.9			
	36	149	25	4820	1.4			
	30	170	30	5122	1.5			
	22.5	213	40	5637	1.1			
	35	143	80	5383	1.6	**WGM090**	**80B5/B14**	**80A2**
	28	169	100	5799	1.2			
	28	182	50	5799	1.9	**WGM090**	**80B5/B14**	**80B4**
	23.3	209	60	6163	1.5			
	17.5	258	80	6783	1.1			
	14	302	100	7306	0.9			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_S			
0.75	30	179	30	5667	2.6	**WGM090**	**90B5/B14**	**90S6**
	22.5	226	40	6238	1.8			
	18	267	50	6719	1.5			
	15	306	60	7140	1.1			
	17.5	274	80	8571	1.8	**WGM105**	**80B5**	**80B4**
	14	322	100	9232	1.4			
	15	325	60	9023	1.9	**WGM105**	**90B5**	**90S6**
	11.3	401	80	9931	1.3			
	9	470	100	10320	1.0			
	17.5	274	80	8571	1.9	**WGM110**	**80B5**	**80B4**
	14	322	100	9232	1.5			
	15	325	60	9023	2.1	**WGM110**	**90B5**	**90S6**
	11.3	401	80	9931	1.4			
	9	470	100	10320	1.1			
	11.3	401	80	12989	2.1	**WGM130**	**90B5**	**90S6**
	9	470	100	13500	1.7			
1.1	373.3	25	7.5	1433	2.1	**WGM050**	**80B5/B14**	**80B2**
	280	33	10	1577	1.7			
	186.7	48	15	1805	1.2			
	140	62	20	1987	0.9			
	186.7	46	15	2359	2.1	**WGM063**	**80B5/B14**	**80B2**
	140	60	20	2597	1.6			
	112	72	25	2797	1.2			
	93.3	82	30	2973	1.4			
	70	104	40	3272	1.0			
	120	75	7.5	2734	2.0	**WGM063**	**90B5/B14**	**90L6**
	90	98	10	3009	1.6			
	60	140	15	3444	1.1			
	45	180	20	3791	0.8			
	186.7	50	7.5	2359	2.6	**WGM063**	**90B5/B14**	**90S4**
	140	65	10	2597	2.0			
	93.3	92	15	2973	1.5			
	70	120	20	3272	1.1			
	56	144	25	3524	0.9			
	46.7	164	30	3745	1.0			
	112	77	25	3302	2.0	**WGM075**	**80B5/B14**	**80B2**
	93.3	89	30	3509	1.9			
	70	114	40	3862	1.4			
	56	137	50	4160	1.1			
	46.7	158	60	4421	0.9			
	90	98	10	3551	2.3	**WGM075**	**90B5/B14**	**90L6**
	60	142	15	4065	1.7			
	45	182	20	4474	1.3			
	36	219	25	4820	1.0			
	30	249	30	5122	1.0			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_s			
1.1	93.3	95	15	3509	2.1	**WGM075**	**90B5/B14**	**90S4**
	70	122	20	3862	1.7			
	56	148	25	4160	1.3			
	46.7	171	30	4421	1.3			
	35	216	40	4865	1.0			
	35	210	80	5383	1.1	**WGM090**	**80B5/B14**	**80B2**
	28	248	100	5799	0.8			
	36	228	25	5333	1.6	**WGM090**	**90B5/B14**	**90L6**
	30	263	30	5667	1.8			
	22.5	331	40	6238	1.2			
	18	391	50	6719	1.0			
	15	448	60	7140	0.8			
	35	222	40	5383	1.6	**WGM090**	**90B5/B14**	**90S4**
	28	266	50	5799	1.3			
	23.3	306	60	6163	1.0			
	22.5	345	40	7882	2.0	**WGM105**	**90B5**	**90L6**
	18	414	50	8491	1.6			
	15	476	60	9023	1.3			
	11.3	588	80	9931	0.9			
	28	278	50	7328	2.2	**WGM105**	**90B5**	**90S4**
	23.3	324	60	7787	1.7			
	17.5	402	80	8571	1.2			
	14	473	100	9232	1.0			
	22.5	345	40	7882	2.3	**WGM110**	**90B5**	**90L6**
	18	414	50	8491	1.8			
	15	476	60	9023	1.4			
	11.3	588	80	9931	1.0			
	28	278	50	7328	2.4	**WGM110**	**90B5**	**90S4**
	23.3	324	60	7787	1.9			
	17.5	402	80	8571	1.3			
	14	473	100	9232	1.0			
	11.3	588	80	12989	1.5	**WGM130**	**90B5**	**90L6**
	9	689	100	13500	1.1			
	17.5	408	80	11210	2.1	**WGM130**	**90B5**	**90S4**
	14	480	100	12076	1.5			
1.5	373.3	34	7.5	1433	1.5	**WGM050**	**80B5/B14**	**80C2**
	280	45	10	1577	1.2			
	186.7	65	15	1805	0.9			
	186.7	68	7.5	2359	1.9	**WGM063**	**90B5/B14**	**90L4**
	140	88	10	2597	1.5			
	93.3	126	15	2973	1.1			
	70	164	20	3272	0.8			
	373.3	35	7.5	1873	2.7	**WGM063**	**90B5/B14**	**90S2**
	280	45	10	2061	2.2			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_S			
1.5	186.7	66	15	2359	1.6	**WGM063**	**90B5/B14**	**90S2**
	140	86	20	2597	1.2			
	112	105	25	2797	0.9			
	93.3	120	30	2973	1.0			
	120	103	7.5	3227	2.1	**WGM075**	**100B5/B14**	**100L6**
	90	134	10	3551	1.7			
	60	193	15	4065	1.2			
	56	187	50	4160	1.3	**WGM075**	**90B5/B14**	**90S2**
	46.7	215	60	4421	1.1			
	140	89	10	3065	2.2	**WGM075**	**90B5/B14**	**90L4**
	93.3	129	15	3509	1.6			
	70	166	20	3862	1.3			
	56	202	25	4160	1.0			
	46.7	233	30	4421	1.0			
	280	45	10	2433	3.2	**WGM075**	**90B5/B14**	**90S2**
	186.7	66	15	2785	2.3			
	140	86	20	3065	1.9			
	112	105	25	3302	1.4			
	93.3	121	30	3509	1.4			
	70	156	40	3862	1.1			
	90	137	10	3929	2.7	**WGM090**	**100B5/B14**	**100L6**
	60	198	15	4498	2.1			
	45	258	20	4951	1.5			
	36	310	25	5333	1.2			
	30	358	30	5667	1.3			
	70	170	20	4273	2.1	**WGM090**	**90B5/B14**	**90L4**
	56	207	25	4603	1.6			
	46.7	239	30	4891	1.7			
	35	303	40	5383	1.2			
	28	363	50	5799	0.9			
	23.3	417	60	6163	0.8			
	56	197	50	4603	1.3	**WGM090**	**90B5/B14**	**90S2**
	46.7	227	60	4891	1.1			
	45	264	20	6256	2.4	**WGM105**	**100B5**	**100L6**
	36	322	25	6739	2.0			
	30	363	30	7161	2.0			
	22.5	471	40	7882	1.5			
	18	565	50	8491	1.2			
	15	649	60	9023	1.0			
	35	315	40	6803	1.9	**WGM105**	**90B5**	**90L4**
	28	379	50	7328	1.6			
	23.3	442	60	7787	1.3			
	17.5	548	80	8571	0.9			
	46.7	236	60	6181	1.8	**WGM105**	**90B5**	**90S2**
	35	299	80	6803	1.3			
	28	358	100	7328	1.0			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_S			
1.5	45	264	20	6256	2.7	**WGM110**	**100B5**	**100L6**
	36	322	25	6739	2.4			
	30	363	30	7161	2.3			
	22.5	471	40	7882	1.7			
	18	565	50	8491	1.3			
	15	649	60	9023	1.1			
	35	315	40	6803	2.2	**WGM110**	**90B5**	**90L4**
	28	379	50	7328	1.7			
	23.3	442	60	7787	1.4			
	17.5	548	80	8571	0.9			
	46.7	236	60	6181	2.0	**WGM110**	**90B5**	**90S2**
	35	299	80	6803	1.3			
	28	358	100	7328	1.0			
	22.5	471	40	10309	2.3	**WGM130**	**100B5**	**100L6**
	18	565	50	11105	1.9			
	15	659	60	11801	1.4			
	11.3	802	80	12989	1.1			
	17.5	557	80	11210	1.5	**WGM130**	**90B5**	**90L4**
	14	655	100	12076	1.1			
2.2	373.3	51	7.5	1873	1.8	**WGM063**	**90B5/B14**	**90L2**
	280	66	10	2061	1.5			
	186.7	97	15	2359	1.1			
	186.7	99	7.5	2785	1.9	**WGM075**	**100B5/B14**	**100LA4**
	140	131	10	3065	1.5			
	93.3	189	15	3509	1.1			
	373.3	50	7.5	2210	2.6	**WGM075**	**90B5/B14**	**90L2**
	280	66	10	2433	2.2			
	186.7	97	15	2785	1.5			
	140	126	20	3065	1.3			
	112	154	25	3302	1.0			
	93.3	178	30	3509	1.0			
	186.7	100	7.5	3081	2.9	**WGM090**	**100B5/B14**	**100LA4**
	140	132	10	3391	2.3			
	93.3	191	15	3882	1.9			
	70	249	20	4273	1.4			
	56	304	25	4603	1.1			
	46.7	351	30	4891	1.2			
	120	154	7.5	3570	2.2	**WGM090**	**112B5/B14**	**112M6**
	90	201	10	3929	1.8			
	60	291	15	4498	1.4			
	45	378	20	4951	1.0			
	140	129	20	3391	2.0	**WGM090**	**90B5/B14**	**90L2**
	112	159	25	3653	1.6			
	93.3	185	30	3882	1.7			
	70	237	40	4273	1.2			
	56	289	50	4603	0.9			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_S			
2.2	70	255	20	5399	2.2	**WGM105**	**100B5**	**100LA4**
	56	311	25	5816	1.9			
	46.7	356	30	6181	1.8			
	35	462	40	6803	1.3			
	28	555	50	7328	1.1			
	23.3	648	60	7787	0.9			
	90	203	10	4965	3.1	**WGM105**	**112B5**	**112M6**
	60	294	15	5684	2.2			
	45	388	20	6256	1.6			
	36	473	25	6739	1.4			
	30	532	30	7161	1.4			
	112	161	25	4616	2.7	**WGM105**	**90B5**	**90L2**
	93.3	187	30	4905	2.6			
	70	243	40	5399	1.9			
	56	296	50	5816	1.5			
	46.7	347	60	6181	1.2			
	70	255	20	5399	2.5	**WGM110**	**100B5**	**100LA4**
	56	311	25	5816	2.2			
	46.7	356	30	6181	2.0			
	35	462	40	6803	1.5			
	28	555	50	7328	1.2			
	23.3	648	60	7787	1.0			
	90	203	10	4965	3.5	**WGM110**	**112B5**	**112M6**
	60	294	15	5684	2.6			
	45	388	20	6256	1.9			
	36	473	25	6739	1.6			
	30	532	30	7161	1.6			
	112	161	25	4616	3.1	**WGM110**	**90B5**	**90L2**
	93.3	187	30	4905	3.0			
	70	243	40	5399	2.2			
	56	296	50	5816	1.7			
	46.7	347	60	6181	1.4			
	35	468	40	8897	2.2	**WGM130**	**100B5**	**100LA4**
	28	563	50	9584	1.7			
	23.3	657	60	10185	1.4			
	17.5	816	80	11210	1.0			
	36	473	25	8814	2.2	**WGM130**	**112B5**	**112M6**
	30	539	30	9366	2.2			
	22.5	691	40	10309	1.6			
	18	829	50	11105	1.3			
	15	966	60	11801	1.0			
	35	444	80	8897	1.3	**WGM130**	**90B5**	**90L2**
	28	525	100	9584	1.0			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_s			
3.0	373.3	68	7.5	2210	1.9	**WGM075**	**100B5/B14**	**100L2**
	280	90	10	2433	1.6			
	186.7	135	7.5	2785	1.4	**WGM075**	**100B5/B14**	**100LB4**
	140	178	10	3065	1.1			
	93.3	258	15	3509	0.8			
	373.3	70	7.5	2446	3.0	**WGM090**	**100B5/B14**	**100L2**
	280	92	10	2692	2.6			
	186.7	137	7.5	3081	2.1	**WGM090**	**100B5/B14**	**100LB4**
	140	180	10	3391	1.7			
	93.3	261	15	3882	1.4			
	70	340	20	4273	1.0			
	56	414	25	4603	0.8			
	46.7	479	30	4891	0.9			
	93.3	264	15	4905	2.2	**WGM105**	**100B5**	**100LB4**
	70	348	20	5399	1.6			
	56	425	25	5816	1.4			
	46.7	485	30	6181	1.3			
	35	630	40	6803	1.0			
	28	757	50	7328	0.8			
	120	210	7.5	4511	2.7	**WGM105**	**132B5**	**132S6**
	90	277	10	4965	2.2			
	60	401	15	5684	1.6			
	45	528	20	6256	1.2			
	93.3	264	15	4905	2.5	**WGM110**	**100B5**	**100LB4**
	70	348	20	5399	1.9			
	56	425	25	5816	1.6			
	46.7	485	30	6181	1.5			
	35	630	40	6803	1.1			
	28	757	50	7328	0.9			
	120	210	7.5	4511	3.1	**WGM110**	**132B5**	**132S6**
	90	277	10	4965	2.6			
	60	401	15	5684	1.9			
	45	528	20	6256	1.4			
	56	430	25	7607	2.2	**WGM130**	**100B5**	**100LB4**
	46.7	491	30	8084	2.1			
	35	638	40	8897	1.6			
	28	767	50	9584	1.3			
	23.3	896	60	10185	1.0			
	17.5	1113	80	11210	0.8			
	90	277	10	6494	3.5	**WGM130**	**132B5**	**132S6**
	60	406	15	7434	2.6			
	45	528	20	8182	2.0			
	36	645	25	8814	1.6			
	30	735	30	9366	1.6			
	22.5	942	40	10309	1.2			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_S			
4.0	373.3	91	7.5	2210	1.4	**WGM075**	**112B5/B14**	**112M2**
	280	120	10	2433	1.2			
	186.7	180	7.5	2785	1.0	**WGM075**	**112B5/B14**	**112M4**
	140	237	10	3065	0.8			
	373.3	93	7.5	2446	2.3	**WGM090**	**112B5/B14**	**112M2**
	280	123	10	2692	1.9			
	186.7	182	7.5	3081	1.6	**WGM090**	**112B5**	**112M4**
	140	240	10	3391	1.3			
	93.3	348	15	3882	1.0			
	70	453	20	4273	0.8			
	140	240	10	4285	2.2	**WGM105**	**112B5**	**112M4**
	93.3	352	15	4905	1.6			
	70	464	20	5399	1.2			
	56	566	25	5816	1.0			
	46.7	647	30	6181	1.0			
	120	280	7.5	4511	2.0	**WGM105**	**132B5**	**132MA6**
	90	369	10	4965	1.7			
	60	535	15	5684	1.2			
	140	240	10	4285	2.5	**WGM110**	**112B5**	**112M4**
	93.3	352	15	4905	1.9			
	70	464	20	5399	1.4			
	56	566	25	5816	1.2			
	46.7	647	30	6181	1.1			
	120	280	7.5	4511	2.3	**WGM110**	**132B5**	**132MA6**
	90	369	10	4965	1.9			
	60	535	15	5684	1.4			
	56	573	25	7607	1.6	**WGM130**	**112B5**	**112M4**
	46.7	655	30	8084	1.6			
	35	851	40	8897	1.2			
	28	1023	50	9584	1.0			
	23.3	1195	60	10185	0.8			
	120	283	7.5	5901	3.1	**WGM130**	**132B5**	**132MA6**
	90	369	10	6494	2.6			
	60	541	15	7434	2.0			
	45	705	20	8182	1.5			
	36	860	25	8814	1.2			
5.5	186.7	250	7.5	3893	1.9	**WGM105**	**132B5**	**132S4**
	140	330	10	4285	1.6			
	93.3	484	15	4905	1.2			
	70	638	20	5399	0.9			
	186.7	250	7.5	3893	2.2	**WGM110**	**132B5**	**132S4**
	140	330	10	4285	1.8			
	93.3	484	15	4905	1.4			
	70	638	20	5399	1.0			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	f_S			
5.5	140	334	10	5605	2.5	**WGM130**	**132B5**	**132S4**
	93.3	490	15	6416	1.9			
	70	638	20	7062	1.4			
	56	788	25	7607	1.2			
	46.7	900	30	8084	1.2			
	35	1171	40	8897	0.9			
7.5	186.7	341	7.5	3893	1.4	**WGM105**	**132B5**	**132M4**
	140	450	10	4285	1.2			
	93.3	660	15	4905	0.9			
	186.7	341	7.5	3893	1.6	**WGM110**	**132B5**	**132M4**
	140	450	10	4285	1.3			
	93.3	660	15	4905	1.0			
	186.7	345	7.5	5092	2.2	**WGM130**	**132B5**	**132M4**
	140	455	10	5605	1.8			
	93.3	668	15	6416	1.4			
	70	870	20	7062	1.0			
	56	1074	25	7607	0.9			
	46.7	1228	30	8084	0.8			
	35	1596	40	8897	0.7			

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
0.12	18.7	42	75	2833	1.2	**PS063 - WGM040**	**63A4**
	15.6	46	90	3011	1.2		
	11.7	57	120	3314	0.9		
	9.3	66	150	3490	0.7		
	7.8	74	180	3490	0.6		
	9.3	68	150	4840	1.3	**PS063 - WGM050**	**63A4**
	7.8	75	180	4840	1.1		
	5.8	88	240	4840	0.8		
	4.7	98	300	4840	0.7		
	5.8	92	240	6270	1.5	**PS063 - WGM063**	**63A4**
	4.7	103	300	6270	1.2		
0.18	18.7	64	75	2833	0.8	**PS063 - WGM040**	**63B4**
	15.6	70	90	3011	0.8		
	11.7	85	120	3314	0.6		
	18.7	64	75	3889	1.4	**PS063 - WGM050**	**63B4**
	15.6	71	90	4132	1.5		
	11.7	87	120	4548	1.1		
	9.3	101	150	4840	0.9		
	7.8	113	180	4840	0.7		
	5.8	133	240	4840	0.6		
	9.3	103	150	6270	1.7	**PS063 - WGM063**	**63B4**
	7.8	117	180	6270	1.4		
	5.8	139	240	6270	1.0		
	4.7	155	300	6270	0.8		
	12.0	95	75	4506	1.2	**PS071 - WGM050**	**7116**
	10.0	105	90	4788	1.4		
	7.5	126	120	4840	1.0		
	12.0	97	75	5889	2.2	**PS071 - WGM063**	**7116**
	10.0	107	90	6259	2.4		
	7.5	131	120	6270	1.8		
	6.0	152	150	6270	1.4		
	5.0	168	180	6270	1.2		
	3.8	197	240	6270	0.9		
	3.0	218	300	6270	0.7		
	5.0	179	180	7380	1.7	**PS071 - WGM075**	**7116**
	3.8	211	240	7380	1.2		
	3.0	235	300	7380	1.0		
0.25	18.7	88	75	3889	1.0	**PS071 - WGM050**	**71A4**
	15.6	98	90	4132	1.1		
	11.7	121	120	4548	0.8		
	18.7	91	75	5083	1.8	**PS071 - WGM063**	**71A4**
	15.6	100	90	5401	2.0		
	11.7	125	120	5945	1.5		
	9.3	143	150	6270	1.2		

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
0.25	7.8	163	180	6270	1.0	**PS071 - WGM063**	**71A4**
	5.8	192	240	6270	0.7		
	4.7	215	300	6270	0.6		
	12.0	135	75	5889	1.6	**PS071 - WGM063**	**71B6**
	10.0	148	90	6259	1.8		
	7.5	181	120	6270	1.3		
	6.0	211	150	6270	1.0		
	9.3	151	150	7380	1.7	**PS071 - WGM075**	**71A4**
	7.8	172	180	7380	1.4		
	5.8	201	240	7380	1.1		
	4.7	230	300	7380	0.9		
	12.0	139	75	6952	2.4	**PS071 - WGM075**	**71B6**
	10.0	155	90	7380	2.5		
	7.5	191	120	7380	1.9		
	6.0	219	150	7380	1.5		
	5.0	248	180	7380	1.2		
	5.0	263	180	8180	1.9	**PS071 - WGM090**	**71B6**
	3.8	318	240	8180	1.4		
	3.0	358	300	8180	1.1		
0.37	18.7	134	75	5083	1.2	**PS071 - WGM063**	**71B4**
	15.6	148	90	5401	1.4		
	11.7	185	120	5945	1.0		
	9.3	212	150	6270	0.8		
	18.7	138	75	6000	1.8	**PS071 - WGM075**	**71B4**
	15.6	154	90	6375	1.9		
	11.7	191	120	7017	1.5		
	9.3	223	150	7380	1.1		
	7.8	254	180	7380	0.9		
	12.0	206	75	6952	1.6	**PS080 - WGM075**	**80A6**
	10.0	230	90	7380	1.7		
	7.5	283	120	7380	1.3		
	6.0	324	150	7380	1.0		
	7.8	268	180	8180	1.5	**PS071 - WGM090**	**71B4**
	5.8	321	240	8180	1.1		
	4.7	371	300	8180	0.9		
	6.0	347	150	8180	1.6	**PS080 - WGM090**	**80A6**
	5.0	389	180	8180	1.3		
	3.8	471	240	8180	1.0		
	3.8	509	240	10320	1.5	**PS080 - WGM105**	**80A6**
	3.0	577	300	10320	1.2		
	3.8	509	240	10320	1.6	**PS080 - WGM110**	**80A6**
	3.0	577	300	10320	1.3		
0.55	18.7	205	75	6000	1.2	**PS080 - WGM075**	**80A4**
	15.6	230	90	6375	1.3		
	11.7	284	120	7017	1.0		
	9.3	332	150	7380	0.8		

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
0.55	12.0	306	75	6952	1.1	**PS080 - WGM075**	**80B6**
	10.0	341	90	7380	1.1		
	15.6	240	90	7054	2.3	**PS080 - WGM090**	**80A4**
	11.7	297	120	7764	1.6		
	9.3	355	150	8180	1.3		
	7.8	398	180	8180	1.0		
	10.0	357	90	8174	2.0	**PS080 - WGM090**	**80B6**
	7.5	441	120	8180	1.4		
	6.0	516	150	8180	1.1		
	5.0	578	180	8180	0.9		
	7.8	425	180	10320	1.7	**PS080 - WGM105**	**80A4**
	5.8	513	240	10320	1.2		
	4.7	597	300	10320	1.0		
	7.5	462	120	10320	2.2	**PS080 - WGM105**	**80B6**
	6.0	552	150	10320	1.8		
	5.0	620	180	10320	1.5		
	3.8	756	240	10320	1.0		
	7.8	425	180	10320	1.8	**PS080 - WGM110**	**80A4**
	5.8	513	240	10320	1.3		
	4.7	597	300	10320	1.0		
	7.5	462	120	10320	2.6	**PS080 - WGM110**	**80B6**
	6.0	552	150	10320	2.0		
	5.0	620	180	10320	1.6		
	3.8	756	240	10320	1.1		
	3.8	756	240	13500	1.6	**PS080 - WGM130**	**80B6**
	3.0	858	300	13500	1.3		
0.75	18.7	280	75	6000	0.9	**PS080 - WGM075**	**80B4**
	15.6	313	90	6375	1.0		
	15.6	327	90	7054	1.7	**PS080 - WGM090**	**80B4**
	11.7	405	120	7764	1.2		
	9.3	483	150	8180	0.9		
	7.8	543	180	8180	0.7		
	11.7	430	120	9811	1.9	**PS080 - WGM105**	**80B4**
	9.3	506	150	10320	1.6		
	7.8	580	180	10320	1.2		
	5.8	700	240	10320	0.9		
	12.4	393	73	9614	2.8	**PS090 - WGM105**	**90S6**
	9.3	508	96.8	10320	2.0		
	7.4	607	121	10320	1.6		
	6.2	682	145.2	10320	1.3		
	4.6	832	193.6	10320	0.9		
	11.7	430	120	9811	2.2	**PS080 - WGM110**	**80B4**
	9.3	506	150	10320	1.7		
	7.8	580	180	10320	1.3		
	5.8	700	240	10320	0.9		

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
0.75	12.4	393	73	9614	3.2	**PS090 - WGM110**	**90S6**
	9.3	508	96.8	10320	2.3		
	7.4	607	121	10320	1.8		
	6.2	682	145.2	10320	1.5		
	4.6	832	193.6	10320	1.0		
	5.8	712	240	13500	1.4	**PS080 - WGM130**	**80B4**
	4.7	813	300	13500	1.1		
	12.4	399	73	12575	4.4	**PS090 - WGM130**	**90S6**
	9.3	508	96.8	13500	3.2		
	7.4	607	121	13500	2.6		
	6.2	682	145.2	13500	2.1		
	4.6	832	193.6	13500	1.5		
	3.7	944	242	13500	1.2		
1.1	12.4	576	73	9614	1.9	**PS090 - WGM105**	**90L6**
	9.3	746	96.8	10320	1.4		
	7.4	890	121	10320	1.1		
	6.2	1000	145.2	10320	0.9		
	19.3	392	73	8298	2.2	**PS090 - WGM105**	**90S4**
	14.5	508	96.8	9133	1.6		
	11.6	599	121	9838	1.3		
	9.6	686	145.2	10320	1.0		
	7.2	828	193.6	10320	0.8		
	12.4	576	73	9614	2.2	**PS090 - WGM110**	**90L6**
	9.3	746	96.8	10320	1.6		
	7.4	890	121	10320	1.2		
	6.2	1000	145.2	10320	1.0		
	19.3	392	73	8298	2.5	**PS090 - WGM110**	**90S4**
	14.5	508	96.8	9133	1.8		
	11.6	599	121	9838	1.5	**PS090 - WGM110**	**90S4**
	9.6	686	145.2	10320	1.1		
	7.2	828	193.6	10320	0.8		
	12.4	585	73	12575	3.0	**PS090 - WGM130**	**90L6**
	9.3	746	96.8	13500	2.2		
	7.4	890	121	13500	1.7		
	6.2	1000	145.2	13500	1.4		
	4.6	1220	193.6	13500	1.0		
	19.3	398	73	10853	3.5	**PS090 - WGM130**	**90S4**
	14.5	508	96.8	11945	2.6		
	11.6	608	121	12868	2.0		
	9.6	686	145.2	13500	1.6		
	7.2	843	193.6	13500	1.2		
	5.8	962	242	13500	0.9		
1.5	19.3	535	73	8298	1.6	**PS090 - WGM105**	**90L4**
	14.5	693	96.8	9133	1.2		
	11.6	817	121	9838	1.0		
	9.6	936	145.2	10320	0.8		

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
1.5	19.3	535	73	8298	1.9	**PS090 - WGM110**	**90L4**
	14.5	693	96.8	9133	1.3		
	11.6	817	121	9838	1.1		
	9.6	936	145.2	10320	0.8		
	19.3	542	73	10853	2.6	**PS090 - WGM130**	**90L4**
	14.5	693	96.8	11945	1.9		
	11.6	830	121	12868	1.5		
	9.6	936	145.2	13500	1.1		
	7.2	1149	194	13500	0.8		
	38.6	398	73	6586	1.8	**PS090 - WGM105**	**90L2**
	28.9	516	96.8	7249	1.3		
	23.1	617	121	7809	1.1		
2.2	38.6	398	73	6586	2.1	**PS090 - WGM110**	**90L2**
	28.9	516	96.8	7249	1.5		
	23.1	617	121	7809	1.2		
	38.6	409	73	8614	2.9	**PS090 - WGM130**	**90L2**
	28.9	545	96.8	9481	2.0		
	23.1	654	121	10213	1.6		
	19.3	752	145.2	10853	1.3		

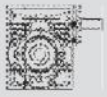
P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
0.06	14.0	25	100	1620	1.3	**WGM025/030**	**56A4**
	9.3	33	150	1830	0.9		
	7.0	41	200	1830	0.7		
	5.6	45	250	1830	0.8		
	4.7	56	300	3490	1.2	**WGM025/040**	**56A4**
	3.5	69	400	3490	0.9		
	2.8	94	500	3490	0.7		
	2.3	100	600	3490	0.6		
	1.9	115	750	3490	0.5		
	1.6	125	900	3490	0.5		
	1.2	153	1200	3490	0.4		
	0.9	185	1500	3490	0.3		
	0.8	198	1800	3490	0.3		
	0.6	247	2400	3490	0.2		
	0.5	280	3000	3490	0.2		
	0.4	295	4000	3490	0.1		
	0.3	348	5000	3490	0.1		
	4.7	55	300	3490	1.3	**WGM030/040**	**56A4**
	3.5	67	400	3490	0.9		
	2.8	88	500	3490	0.6		
	2.3	95	600	3490	0.7		
	1.9	103	750	3490	0.6		
	1.6	118	900	3490	0.5		
	1.2	143	1200	3490	0.4		
	0.9	166	1500	3490	0.4		
	0.8	184	1800	3490	0.3		
	0.6	217	2400	3490	0.2		
	0.4	247	3200	3490	0.2		
	0.4	278	4000	3490	0.1		
	0.3	327	5000	3490	0.1		
	1.6	118	900	4840	1.0	**WGM030/050**	**56A4**
	1.2	143	1200	4840	0.7		
	0.9	166	1500	4840	0.7		
	0.8	184	1800	4840	0.7		
	0.6	227	2400	4840	0.5		
	0.5	256	3000	4840	0.4		
	0.4	278	4000	4840	0.3		
	0.3	316	4800	4840	0.3		
	0.9	173	1500	6270	1.1	**WGM030/063**	**56A4**
	0.8	191	1800	6270	0.9		
	0.6	227	2400	6270	0.8		
	0.5	256	3000	6270	0.7		
	0.4	295	4000	6270	0.6		
	0.3	327	5000	6270	0.4		
	0.6	267	2400	7380	1.1	**WGM040/075**	**56A4**
	0.5	305	3000	7380	0.8		
	0.4	360	4000	7380	0.7		
	0.3	409	5000	7380	0.5		
	0.5	329	3000	8180	1.4	**WGM040/090**	**56A4**
	0.4	393	4000	8180	1.3		
	0.3	430	5000	8180	1.0		

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
0.09	28.0	18	100	1286	1.6	**WGM025/030**	**56A2**
	18.7	25	150	1472	1.1		
	14.0	31	200	1620	0.9		
	14.0	37	100	1620	0.8	**WGM025/030**	**56B4**
	9.3	50	150	1830	0.6		
	7.0	61	200	1830	0.5		
	5.6	68	250	1830	0.5		
	4.7	77	300	1830	0.4		
	3.5	106	400	1830	0.3		
	2.8	117	500	1830	0.3		
	2.3	135	600	1830	0.2		
	1.9	149	750	1830	0.2		
	1.6	167	900	1830	0.2		
	1.2	201	1200	1830	0.1		
	0.9	231	1500	1830	0.1		
	0.8	264	1800	1830	0.1		
	0.6	311	2400	1830	0.1		
	0.5	347	3000	1830	0.1		
	9.3	43	300	3490	1.6	**WGM025/040**	**56A2**
	7.0	52	400	3490	1.2		
	5.6	71	500	3490	0.8		
	4.7	82	300	3490	0.8	**WGM030/040**	**56B4**
	3.5	103	400	4840	1.2	**WGM030/050**	**56B4**
	2.8	120	500	4840	1.0		
	2.3	146	600	4840	0.9		
	1.9	158	750	4840	0.8		
	1.6	177	900	4840	0.7		
	1.6	188	900	6270	1.0	**WGM030/063**	**56B4**
	1.2	222	1200	6270	0.9		
	0.9	259	1500	6270	0.7		
	0.9	305	1500	7380	1.1	**WGM040/075**	**56B4**
	0.8	331	1800	7380	1.0		
	0.6	400	2400	7380	0.7		
	0.5	494	3000	8180	0.9	**WGM040/090**	**56B4**
	0.4	589	4000	8180	0.8		
0.12	4.7	112	300	4840	1.2	**WGM030/050**	**63A4**
	3.5	138	400	4840	0.9		
	2.8	160	500	4840	0.7		
	2.8	168	500	6270	1.3	**WGM030/063**	**63A4**
	2.3	199	600	6270	1.1		
	1.9	217	750	6270	0.9		
	1.6	279	900	7380	1.2	**WGM040/075**	**63A4**
	1.2	344	1200	7380	0.9		
	0.8	470	1800	8180	0.9	**WGM040/090**	**63A4**
	0.6	593	2400	8180	0.9		

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
0.12	0.5	731	3000	10320	1.1	**WGM050/105**	**63A4**
	0.4	884	4000	10320	1.0		
	0.3	1023	5000	10320	0.8		
	0.5	731	3000	10320	1.2	**WGM050/110**	**63A4**
	0.4	884	4000	10320	1.0		
	0.3	1023	5000	10320	0.8		
0.18	3.5	216	400	6270	1.0	**WGM030/063**	**63B4**
	2.8	252	500	6270	0.8		
	2.3	336	600	7380	1.1	**WGM040/075**	**63B4**
	1.9	371	750	7380	0.9		
	1.6	419	900	7380	0.8		
	1.2	544	1200	8180	1.0	**WGM040/090**	**63B4**
	0.9	647	1500	8180	0.8		
	0.8	727	1800	10320	1.3	**WGM050/105**	**63B4**
	0.6	948	2400	10320	0.9		
	0.8	727	1800	10320	1.5	**WGM050/110**	**63B4**
	0.6	948	2400	10320	1.1		
0.25	7.0	150	400	6270	1.4	**WGM030/063**	**63B2**
	5.6	175	500	6270	1.2		
	3.5	321	400	7380	1.1	**WGM040/075**	**71A4**
	2.8	375	500	7380	0.8		
	2.3	488	600	8180	1.2	**WGM040/090**	**71A4**
	1.9	553	750	8180	0.9		
	1.6	612	900	8180	0.8		
	1.2	776	1200	10320	1.1	**WGM050/105**	**71A4**
	0.9	924	1500	10320	1.0		
	0.8	1010	1800	10320	0.9		
	1.2	776	1200	10320	1.3	**WGM050/110**	**71A4**
	0.9	924	1500	10320	1.2		
	0.8	1010	1800	10320	1.1		
	0.6	1358	2400	13500	1.0	**WGM063/130**	**71A4**
	0.5	1626	3000	13500	0.8		
	0.4	1910	4000	13500	0.6		
	0.3	2132	5000	13500	0.5		
0.37	9.3	182	300	6270	1.3	**WGM030/063**	**71A2**
	7.0	222	400	6270	1.0		
	4.7	383	300	7380	1.0	**WGM040/075**	**71B4**
	3.5	474	400	7380	0.7		
	4.7	406	300	8180	1.5	**WGM040/090**	**71B4**
	3.5	505	400	8180	1.2		
	2.8	593	500	8180	0.9		
	2.3	722	600	8180	0.8		

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
0.37	1.9	837	750	10320	1.2	**WGM050/105**	**71B4**
	1.6	928	900	10320	1.0		
	1.2	1148	1200	10320	0.7		
	1.9	837	750	10320	1.3	**WGM050/110**	**71B4**
	1.6	928	900	10320	1.2		
	1.2	1148	1200	10320	0.8		
	0.9	1444	1500	13500	1.1	**WGM063/130**	**71B4**
	0.8	1586	1800	13500	0.9		
0.55	9.3	305	300	8180	2.0	**WGM040/090**	**71B2**
	7.0	375	400	8180	1.5		
	5.6	441	500	8180	1.2		
	4.7	615	300	10320	1.7	**WGM050/105**	**80A4**
	3.5	810	400	10320	1.2		
	2.8	938	500	10320	1.0		
	2.3	1096	600	10320	0.9		
	1.9	1244	750	10320	0.8		
	4.7	615	300	10320	2.0	**WGM050/110**	**80A4**
	3.5	810	400	10320	1.4		
	2.8	938	500	10320	1.1		
	2.3	1096	600	10320	1.0		
	1.9	1244	750	10320	0.9		
	2.8	957	500	13500	1.6	**WGM063/130**	**80A4**
	1.9	1382	750	13500	1.2		
	1.2	2057	1200	13500	0.8		
0.75	9.3	424	300	10320	2.5	**WGM050/105**	**80A2**
	7.0	553	400	10320	1.8		
	5.6	640	500	10320	1.5		
	4.7	838	300	10320	1.3	**WGM050/105**	**80B4**
	3.5	1105	400	10320	0.9		
	9.3	424	300	10320	2.8	**WGM050/110**	**80A2**
	7.0	553	400	10320	2.1		
	5.6	640	500	10320	1.6		
	4.7	838	300	10320	1.5	**WGM050/110**	**80B4**
	3.5	1105	400	10320	1.1		
	2.8	1305	500	13500	1.1	**WGM063/130**	**80B4**
	2.3	1557	600	13500	1.0		
	1.9	1772	750	13500	0.9		
	1.6	2014	900	13500	0.8		

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i	F_{r2} [N]	fs		
1.1	9.3	621	300	10320	1.7	**WGM050/105**	**80B2**
	7.0	810	400	10320	1.2		
	5.6	938	500	10320	1.0		
	9.3	621	300	10320	1.9	**WGM050/110**	**80B2**
	7.0	810	400	10320	1.4		
	5.6	938	500	10320	1.1		
	4.7	1274	300	13500	1.3	**WGM063/130**	**90S4**
	3.5	1621	400	13500	1.0		
	2.8	1913	500	13500	0.8		
1.5	9.3	878	300	13500	1.9	**WGM063/130**	**90S2**
	7.0	1105	400	13500	1.4		
	5.6	1305	500	13500	1.1		
	4.7	1737	300	13500	1.0	**WGM063/130**	**90L4**
	3.5	2210	400	13500	0.7		

M_{2n} [Nm]	n_1 [r/min]	i	P_{1n} [kW]	n_2 [r/min]	F_{r2} [N]	F_{r1} [N]	
13	2800	7.5	0.58	373.3	542	125	**WGMHS030**
13	2800	10	0.45	280	597	140	
13	2800	15	0.32	186.7	683	140	
12	2800	20	0.23	140	752	146	
16	2800	25	0.26	112	810	210	
15	2800	30	0.21	93.3	861	210	
14	2800	40	0.16	70	948	127	
13	2800	50	0.12	56	1021	128	
12	2800	60	0.10	46.7	1085	126	
11	2800	80	0.08	35	1194	130	
28	2800	7.5	1.2	373.3	1044	233	**WGMHS040**
29	2800	10	1.0	280	1149	272	
31	2800	15	0.72	186.7	1315	291	
29	2800	20	0.52	140	1447	204	
28	2800	25	0.42	112	1559	236	
34	2800	30	0.44	93.3	1657	350	
31	2800	40	0.32	70	1824	350	
30	2800	50	0.26	56	1964	350	
28	2800	60	0.21	46.7	2087	350	
25	2800	80	0.16	35	2298	350	
23	2800	100	0.12	28	2475	350	
52	2800	7.5	2.3	373.3	1433	324	**WGMHS050**
54	2800	10	1.8	280	1577	378	
57	2800	15	1.3	186.7	1805	399	
53	2800	20	0.95	140	1987	417	
51	2800	25	0.75	112	2140	482	
64	2800	30	0.81	93.3	2274	490	
59	2800	40	0.59	70	2503	490	
53	2800	50	0.45	56	2696	490	
50	2800	60	0.37	46.7	2865	490	
45	2800	80	0.27	35	3153	490	
40	2800	100	0.21	28	3397	490	
93	2800	7.5	4.0	373.3	1873	395	**WGMHS063**
97	2800	10	3.2	280	2061	463	
103	2800	15	2.3	186.7	2359	492	
100	2800	20	1.7	140	2597	538	
92	2800	25	1.3	112	2797	593	
120	2800	30	1.5	93.3	2973	700	
108	2800	40	1.1	70	3272	700	
100	2800	50	0.81	56	3524	700	
95	2800	60	0.67	46.7	3745	700	
85	2800	80	0.49	35	4122	700	
74	2800	100	0.37	28	4440	700	
130	2800	7.5	5.7	373.3	2210	560	**WGMHS075**
145	2800	10	4.8	280	2433	703	
150	2800	15	3.4	186.7	2785	727	
160	2800	20	2.8	140	3065	872	
150	2800	25	2.1	112	3302	980	

M_{2n} [Nm]	n_1 [r/min]	i	P_{1n} [kW]	n_2 [r/min]	F_{r2} [N]	F_{r1} [N]	
170	2800	30	2.1	93.3	3509	980	**WGMHS075**
165	2800	40	1.6	70	3862	980	
150	2800	50	1.2	56	4160	980	
145	2800	60	1.0	46.7	4421	980	
130	2800	80	0.72	35	4865	980	
120	2800	100	0.57	28	5241	980	
210	2800	7.5	9.0	373.3	2446	715	**WGMHS090**
235	2800	10	7.7	280	2692	900	
270	2800	15	6.0	186.7	3081	1034	
260	2800	20	4.4	140	3391	1120	
250	2800	25	3.4	112	3653	1270	
310	2800	30	3.7	93.3	3882	1270	
275	2800	40	2.6	70	4273	1270	
265	2800	50	2.0	56	4603	1270	
245	2800	60	1.6	46.7	4891	1270	
225	2800	80	1.2	35	5383	1270	
200	2800	100	0.9	28	5799	1270	
340	2800	7.5	14.6	373.3	3090	950	**WGMHS105**
380	2800	10	12.4	280	3401	1194	
425	2800	15	9.4	186.7	3893	1337	
420	2800	20	7.1	140	4285	1485	
440	2800	25	6.0	112	4616	1700	
480	2800	30	5.6	93.3	4905	1700	
460	2800	40	4.2	70	5399	1700	
450	2800	50	3.3	56	5816	1700	
430	2800	60	2.7	46.7	6181	1700	
380	2800	80	1.9	35	6803	1700	
350	2800	100	1.5	28	7328	1700	
391	2800	7.5	16.8	373.3	3090	950	**WGMHS110**
437	2800	10	14.2	280	3401	1194	
489	2800	15	10.9	186.7	3893	1337	
483	2800	20	8.1	140	4285	1485	
506	2800	25	6.9	112	4616	1700	
552	2800	30	6.5	93.3	4905	1700	
529	2800	40	4.8	70	5399	1700	
495	2800	50	3.7	56	5816	1700	
473	2800	60	3.0	46.7	6181	1700	
399	2800	80	2.0	35	6803	1700	
368	2800	100	1.5	28	7328	1700	
520	2800	7.5	22.3	373.3	4042	1190	**WGMHS130**
580	2800	10	18.9	280	4449	1493	
670	2800	15	14.7	186.7	5092	1725	
660	2800	20	11.0	140	5605	1912	
670	2800	25	9.1	112	6038	2100	
770	2800	30	9.0	93.3	6416	2100	
730	2800	40	6.5	70	7062	2100	
700	2800	50	5.1	56	7607	2100	
640	2800	60	4.0	46.7	8084	2100	
590	2800	80	2.9	35	8897	2100	
520	2800	100	2.2	28	9584	2100	

M_{2n} [Nm]	n_1 [r/min]	i	P_{1n} [kW]	n_2 [r/min]	F_{r2} [N]	F_{r1} [N]	
18	1400	7.5	0.4	186.7	683	150	**WGMHS030**
18	1400	10	0.3	140	752	169	
18	1400	15	0.2	93.3	861	169	
18	1400	20	0.2	70	948	190	
21	1400	25	0.2	56	1021	210	
20	1400	30	0.2	46.7	1085	210	
18	1400	40	0.1	35	1194	210	
17	1400	50	0.1	28	1286	210	
16	1400	60	0.1	23.3	1367	210	
13	1400	80	0.1	17.5	1504	210	
40	1400	7.5	0.9	186.7	1315	294	**WGMHS040**
40	1400	10	0.7	140	1447	331	
40	1400	15	0.5	93.3	1657	331	
39	1400	20	0.4	70	1824	350	
38	1400	25	0.3	56	1964	350	
45	1400	30	0.3	46.7	2087	350	
41	1400	40	0.2	35	2298	350	
39	1400	50	0.2	28	2475	350	
36	1400	60	0.2	23.3	2630	350	
33	1400	80	0.1	17.5	2895	350	
29	1400	100	0.1	14	3118	350	
71	1400	7.5	1.6	186.7	1805	401	**WGMHS050**
72	1400	10	1.2	140	1987	490	
74	1400	15	0.9	93.3	2274	490	
73	1400	20	0.7	70	2503	490	
70	1400	25	0.5	56	2696	490	
84	1400	30	0.6	46.7	2865	490	
76	1400	40	0.4	35	3153	490	
73	1400	50	0.3	28	3397	490	
68	1400	60	0.3	23.3	3610	490	
65	1400	80	0.2	17.5	3973	490	
55	1400	100	0.2	14	4280	490	
128	1400	7.5	2.8	186.7	2359	500	**WGMHS063**
130	1400	10	2.2	140	2597	571	
140	1400	15	1.7	93.3	2973	615	
135	1400	20	1.2	70	3272	667	
130	1400	25	1.0	56	3524	700	
160	1400	30	1.1	46.7	3745	700	
145	1400	40	0.8	35	4122	700	
135	1400	50	0.6	28	4440	700	
130	1400	60	0.5	23.3	4719	700	
122	1400	80	0.4	17.5	5193	700	
118	1400	100	0.3	14	5595	700	
185	1400	7.5	4.1	186.7	2785	700	**WGMHS075**
195	1400	10	3.3	140	3065	830	
200	1400	15	2.3	93.3	3509	851	
210	1400	20	1.9	70	3862	980	
200	1400	25	1.5	56	4160	980	
230	1400	30	1.5	46.7	4421	980	

M_{2n} [Nm]	n_1 [r/min]	i	P_{1n} [kW]	n_2 [r/min]	F_{r2} [N]	F_{r1} [N]	
220	1400	40	1.1	35	4865	980	**WGMHS075**
210	1400	50	0.9	28	5241	980	
200	1400	60	0.8	23.3	5569	980	
190	1400	80	0.6	17.5	6130	980	
180	1400	100	0.5	14	6603	980	
290	1400	7.5	6.4	186.7	3081	900	**WGMHS090**
310	1400	10	5.2	140	3391	1082	
360	1400	15	4.1	93.3	3882	1257	
355	1400	20	3.1	70	4273	1270	
340	1400	25	2.5	56	4603	1270	
410	1400	30	2.6	46.7	4891	1270	
360	1400	40	1.8	35	5383	1270	
340	1400	50	1.4	28	5799	1270	
320	1400	60	1.1	23.3	6163	1270	
285	1400	80	0.8	17.5	6783	1270	
270	1400	100	0.7	14	7306	1270	
480	1400	7.5	10.5	186.7	3893	1200	**WGMHS105**
520	1400	10	8.7	140	4285	1463	
570	1400	15	6.5	93.3	4905	1604	
560	1400	20	4.8	70	5399	1700	
590	1400	25	4.2	56	5816	1700	
630	1400	30	3.9	46.7	6181	1700	
610	1400	40	2.9	35	6803	1700	
600	1400	50	2.4	28	7328	1700	
560	1400	60	1.9	23.3	7787	1700	
490	1400	80	1.3	17.5	8571	1700	
460	1400	100	1.1	14	9232	1700	
552	1400	7.5	12.1	186.7	3893	1200	**WGMHS110**
598	1400	10	10.0	140	4285	1463	
656	1400	15	7.5	93.3	4905	1604	
644	1400	20	5.6	70	5399	1700	
679	1400	25	4.8	56	5816	1700	
725	1400	30	4.5	46.7	6181	1700	
702	1400	40	3.3	35	6803	1700	
660	1400	50	2.6	28	7328	1700	
616	1400	60	2.1	23.3	7787	1700	
515	1400	80	1.4	17.5	8571	1700	
483	1400	100	1.1	14	9232	1700	
750	1400	7.5	16.3	186.7	5092	1500	**WGMHS130**
820	1400	10	13.5	140	5605	1845	
920	1400	15	10.3	93.3	6416	2070	
910	1400	20	7.8	70	7062	2100	
930	1400	25	6.5	56	7607	2100	
1040	1400	30	6.4	46.7	8084	2100	
1050	1400	40	4.9	35	8897	2100	
980	1400	50	3.8	28	9584	2100	
900	1400	60	3.0	23.3	10185	2100	
840	1400	80	2.3	17.5	11210	2100	
740	1400	100	1.7	14	12076	2100	

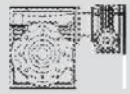
M_{2n} [Nm]	n_1 [r/min]	i	P_{1n} [kW]	n_2 [r/min]	F_{r2} [N]	F_{r1} [N]	
20	900	7.5	0.30	120	792	175	**WGMHS030**
20	900	10	0.24	90	871	197	
20	900	15	0.17	60	997	197	
20	900	20	0.13	45	1098	210	
23	900	25	0.14	36	1183	210	
21	900	30	0.11	30	1257	210	
20	900	40	0.09	22.5	1383	210	
18	900	50	0.07	18	1490	210	
17	900	60	0.06	15	1583	210	
15	900	80	0.04	11.3	1743	210	
44	900	7.5	0.66	120	1524	319	**WGMHS040**
44	900	10	0.51	90	1677	350	
45	900	15	0.36	60	1920	350	
44	900	20	0.28	45	2113	350	
43	900	25	0.23	36	2276	350	
49	900	30	0.23	30	2419	350	
45	900	40	0.17	22.5	2662	350	
42	900	50	0.14	18	2868	350	
39	900	60	0.11	15	3047	350	
35	900	80	0.09	11.3	3354	350	
32	900	100	0.07	9	3490	350	
84	900	7.5	1.2	120	2091	448	**WGMHS050**
84	900	10	0.95	90	2302	490	
84	900	15	0.67	60	2635	490	
77	900	20	0.48	45	2900	490	
75	900	25	0.39	36	3124	490	
90	900	30	0.42	30	3320	490	
82	900	40	0.31	22.5	3654	490	
77	900	50	0.25	18	3936	490	
72	900	60	0.21	15	4183	490	
68	900	80	0.16	11.3	4604	490	
56	900	100	0.12	9	4840	490	
151	900	7.5	2.2	120	2734	580	**WGMHS063**
153	900	10	1.7	90	3009	661	
155	900	15	1.2	60	3444	670	
148	900	20	0.91	45	3791	700	
137	900	25	0.70	36	4084	700	
175	900	30	0.79	30	4339	700	
160	900	40	0.58	22.5	4776	700	
145	900	50	0.45	18	5145	700	
138	900	60	0.37	15	5467	700	
128	900	80	0.29	11.3	6018	700	
124	900	100	0.25	9	6270	700	
215	900	7.5	3.1	120	3227	810	**WGMHS075**
230	900	10	2.6	90	3551	975	
235	900	15	1.8	60	4065	980	
235	900	20	1.4	45	4474	980	
215	900	25	1.1	36	4820	980	
260	900	30	1.2	30	5122	980	

M_{2n} [Nm]	n_1 [r/min]	i	P_{1n} [kW]	n_2 [r/min]	F_{r2} [N]	F_{r1} [N]	
240	900	40	0.84	22.5	5637	980	**WGMHS075**
220	900	50	0.66	18	6073	980	
210	900	60	0.55	15	6453	980	
200	900	80	0.43	11.3	7103	980	
190	900	100	0.36	9	7380	980	
340	900	7.5	4.9	120	3570	1040	**WGMHS090**
370	900	10	4.1	90	3929	1270	
420	900	15	3.2	60	4498	1270	
390	900	20	2.3	45	4951	1270	
370	900	25	1.8	36	5333	1270	
460	900	30	1.9	30	5667	1270	
410	900	40	1.4	22.5	6238	1270	
390	900	50	1.1	18	6719	1270	
350	900	60	0.86	15	7140	1270	
315	900	80	0.63	11.3	7859	1270	
280	900	100	0.49	9	8180	1270	
565	900	7.5	8.1	120	4511	1390	**WGMHS105**
620	900	10	6.7	90	4965	1700	
660	900	15	4.9	60	5684	1700	
630	900	20	3.6	45	6256	1700	
660	900	25	3.1	36	6739	1700	
730	900	30	3.0	30	7161	1700	
690	900	40	2.2	22.5	7882	1700	
680	900	50	1.8	18	8491	1700	
620	900	60	1.4	15	9023	1700	
540	900	80	1.0	11.3	9931	1700	
490	900	100	0.78	9	10320	1700	
650	900	7.5	9.3	120	4511	1390	**WGMHS110**
713	900	10	7.7	90	4965	1700	
759	900	15	5.7	60	5684	1700	
725	900	20	4.1	45	6256	1700	
759	900	25	3.5	36	6739	1700	
840	900	30	3.5	30	7161	1700	
794	900	40	2.5	22.5	7882	1700	
748	900	50	2.0	18	8491	1700	
682	900	60	1.6	15	9023	1700	
567	900	80	1.1	11.3	9931	1700	
515	900	100	0.82	9	10320	1700	
880	900	7.5	12.4	120	5901	1740	**WGMHS130**
960	900	10	10.4	90	6494	2100	
1060	900	15	7.8	60	7434	2100	
1040	900	20	5.9	45	8182	2100	
1050	900	25	4.9	36	8814	2100	
1170	900	30	4.8	30	9366	2100	
1100	900	40	3.5	22.5	10309	2100	
1050	900	50	2.8	18	11105	2100	
940	900	60	2.1	15	11801	2100	
860	900	80	1.6	11.3	12989	2100	
780	900	100	1.2	9	13500	2100	

M_{2n} [Nm]	n_1 [r/min]	i	P_{1n} [kW]	n_2 [r/min]	F_{r2} [N]	F_{r1} [N]	
24	500	7.5	0.21	66.7	963	210	**WGMHS030**
24	500	10	0.16	50	1060	210	
24	500	15	0.12	33.3	1213	210	
23	500	20	0.09	25	1336	210	
29	500	25	0.10	20	1439	210	
26	500	30	0.08	16.7	1529	210	
23	500	40	0.06	12.5	1683	210	
21	500	50	0.05	10	1813	210	
19	500	60	0.04	8.3	1830	210	
17	500	80	0.03	6.3	1830	210	
54	500	7.5	0.45	66.7	1853	350	**WGMHS040**
54	500	10	0.35	50	2040	350	
55	500	15	0.26	33.3	2335	350	
52	500	20	0.19	25	2570	350	
49	500	25	0.15	20	2769	350	
58	500	30	0.16	16.7	2942	350	
53	500	40	0.12	12.5	3238	350	
49	500	50	0.10	10	3488	350	
46	500	60	0.08	8.3	3490	350	
40	500	80	0.06	6.3	3490	350	
36	500	100	0.05	5	3490	350	
103	500	7.5	0.87	66.7	2544	490	**WGMHS050**
103	500	10	0.67	50	2800	490	
103	500	15	0.47	33.3	3205	490	
93	500	20	0.33	25	3528	490	
91	500	25	0.27	20	3800	490	
108	500	30	0.30	16.7	4038	490	
98	500	40	0.22	12.5	4445	490	
91	500	50	0.17	10	4788	490	
83	500	60	0.14	8.3	4840	490	
75	500	80	0.11	6.3	4840	490	
65	500	100	0.09	5	4840	490	
184	500	7.5	1.5	66.7	3325	700	**WGMHS063**
185	500	10	1.2	50	3660	700	
187	500	15	0.85	33.3	4190	700	
178	500	20	0.63	25	4611	700	
164	500	25	0.48	20	4967	700	
200	500	30	0.53	16.7	5279	700	
185	500	40	0.40	12.5	5810	700	
173	500	50	0.32	10	6259	700	
160	500	60	0.26	8.3	6270	700	
137	500	80	0.19	6.3	6270	700	
128	500	100	0.16	5	6270	700	
260	500	7.5	2.2	66.7	3925	980	**WGMHS075**
270	500	10	1.7	50	4320	980	
280	500	15	1.3	33.3	4945	980	
285	500	20	0.99	25	5443	980	
255	500	25	0.74	20	5863	980	
300	500	30	0.77	16.7	6231	980	

M_{2n} [Nm]	n_1 [r/min]	i	P_{1n} [kW]	n_2 [r/min]	F_{r2} [N]	F_{r1} [N]	
280	500	40	0.58	12.5	6858	980	**WGMHS075**
250	500	50	0.44	10	7380	980	
240	500	60	0.38	8.3	7380	980	
215	500	80	0.28	6.3	7380	980	
210	500	100	0.24	5	7380	980	
410	500	7.5	3.3	66.7	4343	1270	**WGMHS090**
435	500	10	2.7	50	4780	1270	
490	500	15	2.1	33.3	5472	1270	
470	500	20	1.6	25	6022	1270	
440	500	25	1.2	20	6487	1270	
550	500	30	1.4	16.7	6894	1270	
480	500	40	0.94	12.5	7588	1270	
450	500	50	0.75	10	8174	1270	
400	500	60	0.58	8.3	8180	1270	
365	500	80	0.45	6.3	8180	1270	
330	500	100	0.35	5	8180	1270	
690	500	7.5	5.6	66.7	5488	1700	**WGMHS105**
740	500	10	4.6	50	6040	1700	
790	500	15	3.4	33.3	6914	1700	
750	500	20	2.5	25	7610	1700	
790	500	25	2.1	20	8198	1700	
870	500	30	2.1	16.7	8711	1700	
810	500	40	1.5	12.5	9588	1700	
800	500	50	1.3	10	10320	1700	
710	500	60	0.96	8.3	10320	1700	
630	500	80	0.72	6.3	10320	1700	
570	500	100	0.55	5	10320	1700	
794	500	7.5	6.4	66.7	5488	1700	**WGMHS110**
851	500	10	5.2	50	6040	1700	
909	500	15	3.9	33.3	6914	1700	
863	500	20	2.8	25	7610	1700	
909	500	25	2.4	20	8198	1700	
1000	500	30	2.4	16.7	8711	1700	
932	500	40	1.7	12.5	9588	1700	
880	500	50	1.4	10	10320	1700	
781	500	60	1.1	8.3	10320	1700	
662	500	80	0.75	6.3	10320	1700	
599	500	100	0.58	5	10320	1700	
1080	500	7.5	8.7	66.7	7178	2100	**WGMHS130**
1160	500	10	7.1	50	7900	2100	
1300	500	15	5.5	33.3	9043	2100	
1230	500	20	4.0	25	9953	2100	
1200	500	25	3.2	20	10722	2100	
1400	500	30	3.4	16.7	11394	2100	
1300	500	40	2.4	12.5	12540	2100	
1220	500	50	1.9	10	13500	2100	
1070	500	60	1.5	8.3	13500	2100	
970	500	80	1.1	6.3	13500	2100	
860	500	100	0.83	5	13500	2100	

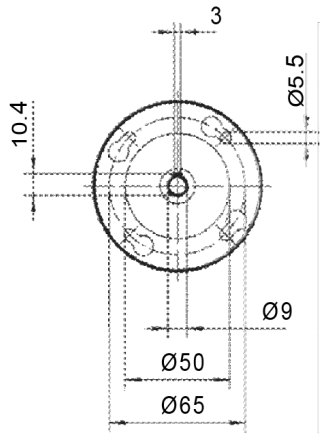
M_{2n} [Nm]	n_1 [r/min]	i	P_{1n} [kW]	n_2 [r/min]	F_{r2} [N]	F_{r1} [N]	
73	1400	300	0.08	4.7	3490	210	**WGMHS030/040**
65	1400	400	0.06	3.5	3490	210	
61	1400	500	0.04	2.8	3490	210	
73	1400	600	0.05	2.3	3490	210	
73	1400	750	0.04	1.9	3490	210	
73	1400	900	0.04	1.6	3490	210	
65	1400	1200	0.03	1.2	3490	210	
73	1400	1500	0.03	0.9	3490	210	
73	1400	1800	0.02	0.8	3490	210	
65	1400	2400	0.02	0.58	3490	210	
65	1400	3200	0.01	0.4	3490	210	
33	1400	4000	0.01	0.4	3490	210	
29	1400	5000	0.01	0.28	3490	210	
145	1400	300	0.16	4.7	4840	210	**WGMHS030/050**
124	1400	400	0.11	3.5	4840	210	
120	1400	500	0.09	2.8	4840	210	
145	1400	600	0.09	2.3	4840	210	
145	1400	750	0.08	1.9	4840	210	
145	1400	900	0.07	1.6	4840	210	
124	1400	1200	0.05	1.2	4840	210	
145	1400	1500	0.05	0.93	4840	210	
145	1400	1800	0.05	0.78	4840	210	
124	1400	2400	0.03	0.6	4840	210	
120	1400	3000	0.03	0.5	4840	210	
82	1400	4000	0.02	0.35	4840	210	
82	1400	4800	0.02	0.29	4840	210	
230	1400	300	0.24	4.7	6270	210	**WGMHS030/063**
230	1400	400	0.19	3.5	6270	210	
216	1400	500	0.15	2.8	6270	210	
230	1400	600	0.14	2.3	6270	210	
216	1400	750	0.12	1.9	6270	210	
198	1400	900	0.09	1.6	6270	210	
230	1400	1200	0.09	1.2	6270	210	
216	1400	1500	0.08	0.93	6270	210	
198	1400	1800	0.06	0.78	6270	210	
230	1400	2400	0.06	0.58	6270	210	
216	1400	3000	0.05	0.47	6270	210	
172	1400	4000	0.04	0.35	6270	210	
150	1400	5000	0.03	0.28	6270	210	
390	1400	300	0.38	4.7	7380	350	**WGMHS040/075**
360	1400	400	0.28	3.5	7380	350	
320	1400	500	0.21	2.8	7380	350	
390	1400	600	0.21	2.3	7380	350	
390	1400	750	0.19	1.9	7380	350	
390	1400	900	0.17	1.6	7380	350	
360	1400	1200	0.13	1.2	7380	350	
390	1400	1500	0.12	0.93	7380	350	
390	1400	1800	0.11	0.78	7380	350	
360	1400	2400	0.08	0.58	7380	350	
320	1400	3000	0.06	0.47	7380	350	
250	1400	4000	0.04	0.35	7380	350	
230	1400	5000	0.03	0.28	7380	350	

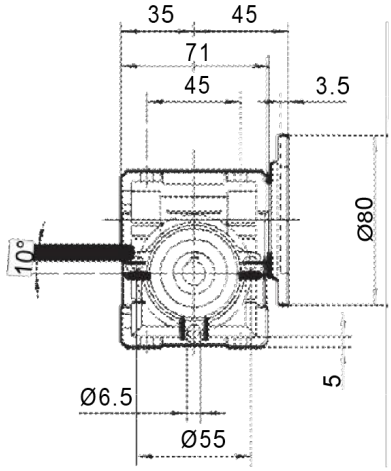
M_{2n} [Nm]	n_1 [r/min]	i	P_{1n} [kW]	n_2 [r/min]	F_{r2} [N]	F_{r1} [N]	
610	1400	300	0.56	4.7	8180	350	**WGMHS040/090**
610	1400	400	0.45	3.5	8180	350	
560	1400	500	0.35	2.8	8180	350	
610	1400	600	0.31	2.3	8180	350	
560	1400	750	0.25	1.9	8180	350	
505	1400	900	0.21	1.6	8180	350	
610	1400	1200	0.20	1.2	8180	350	
560	1400	1500	0.16	0.93	8180	350	
505	1400	1800	0.13	0.78	8180	350	
610	1400	2400	0.12	0.58	8180	350	
560	1400	3000	0.10	0.47	8180	350	
460	1400	4000	0.07	0.35	8180	350	
410	1400	5000	0.05	0.28	8180	350	
1100	1400	300	1.0	4.7	10320	490	**WGMHS050/110**
1030	1400	400	0.70	3.5	10320	490	
1000	1400	500	0.49	2.8	10320	490	
1030	1400	600	0.52	2.3	10320	490	
1100	1400	750	0.49	1.9	10320	490	
1100	1400	900	0.44	1.6	10320	490	
1030	1400	1200	0.33	1.2	10320	490	
1100	1400	1500	0.30	0.93	10320	490	
1100	1400	1800	0.27	0.78	10320	490	
1030	1400	2400	0.20	0.58	10320	490	
1000	1400	3000	0.16	0.47	10320	490	
780	1400	4000	0.11	0.35	10320	490	
710	1400	5000	0.09	0.28	10320	490	
1265	1400	300	1.1	4.7	10320	490	**WGMHS050/110**
1185	1400	400	0.80	3.5	10320	490	
1100	1400	500	0.54	2.8	10320	490	
1185	1400	600	0.59	2.3	10320	490	
1265	1400	750	0.56	1.9	10320	490	
1265	1400	900	0.50	1.6	10320	490	
1185	1400	1200	0.38	1.2	10320	490	
1265	1400	1500	0.34	0.93	10320	490	
1265	1400	1800	0.31	0.78	10320	490	
1185	1400	2400	0.22	0.58	10320	490	
1100	1400	3000	0.18	0.47	10320	490	
819	1400	4000	0.11	0.35	10320	490	
746	1400	5000	0.09	0.28	10320	490	
1760	1400	300	1.5	4.7	13500	700	**WGMHS063/130**
1650	1400	400	1.1	3.5	13500	700	
1550	1400	500	0.89	2.8	13500	700	
1650	1400	600	0.79	2.3	13500	700	
1760	1400	750	0.75	1.9	13500	700	
1760	1400	900	0.66	1.6	13500	700	
1650	1400	1200	0.51	1.2	13500	700	
1760	1400	1500	0.45	0.93	13500	700	
1760	1400	1800	0.41	0.78	13500	700	
1650	1400	2400	0.30	0.58	13500	700	
1550	1400	3000	0.24	0.47	13500	700	
1220	1400	4000	0.16	0.35	13500	700	
1100	1400	5000	0.13	0.28	13500	700	

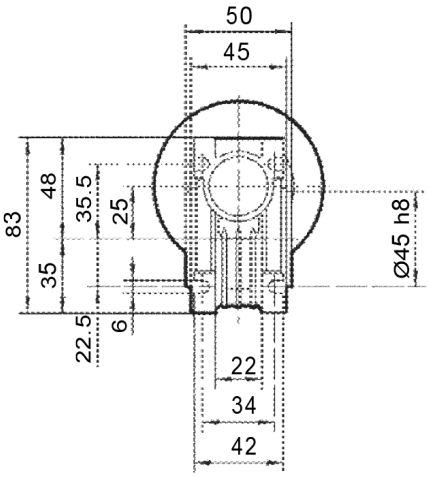
Rozmerové výkresy

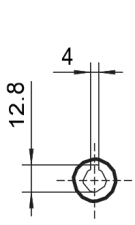
WGM025..(IEC)

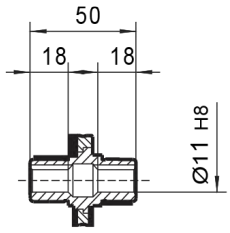
Vstup

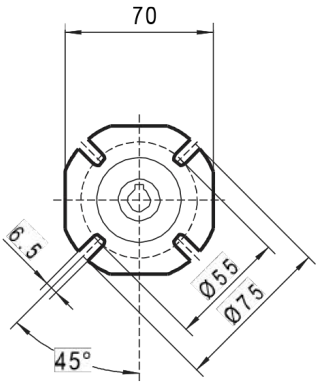


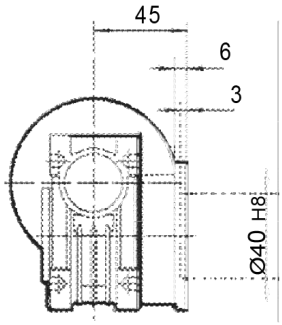










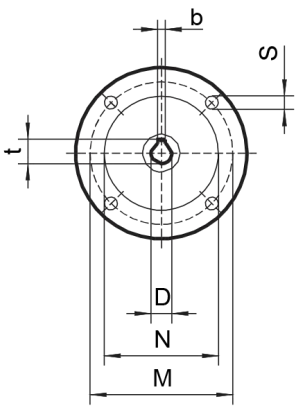


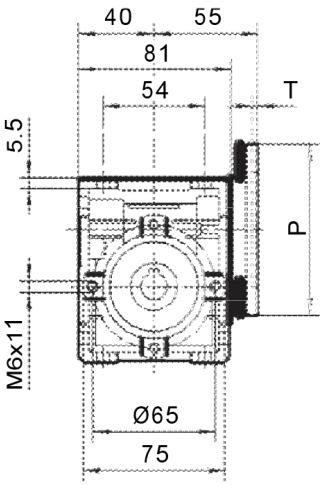
FA

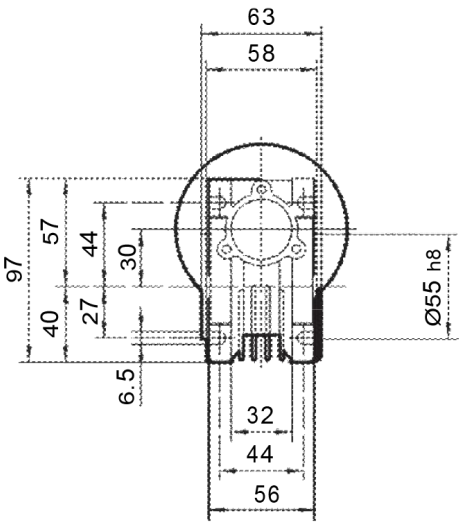
Hmotnosť bez motora ≈ 0.7 kg

WGM030..(IEC)

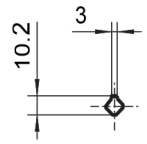
Vstup

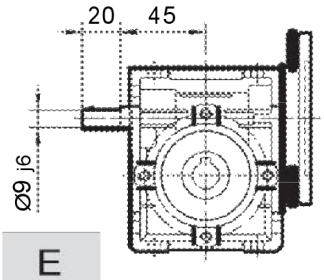






Výstup





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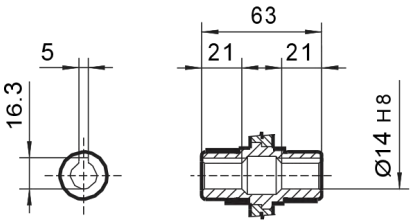
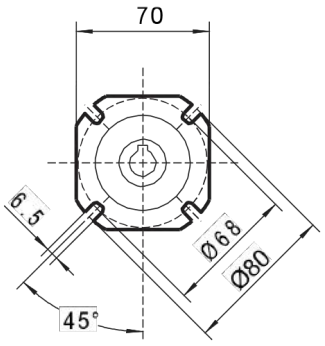
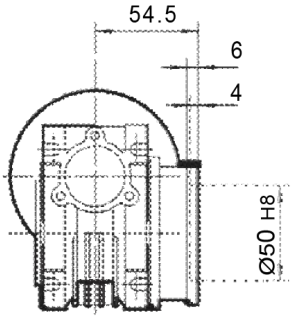






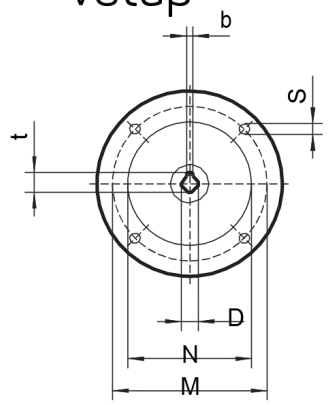
FA

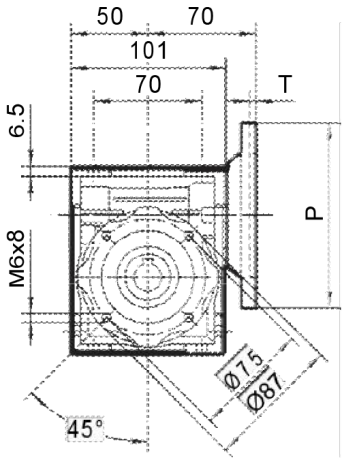
IEC	D_{E8}	b	t	P	M	N	S	T
56B5	9	3	10.4	120	100	80	7	4
56B14	9	3	10.4	80	65	50	5.5	4
63B5	11	4	12.8	140	115	95	9	4
63B14	11	4	12.8	90	75	60	5.5	4

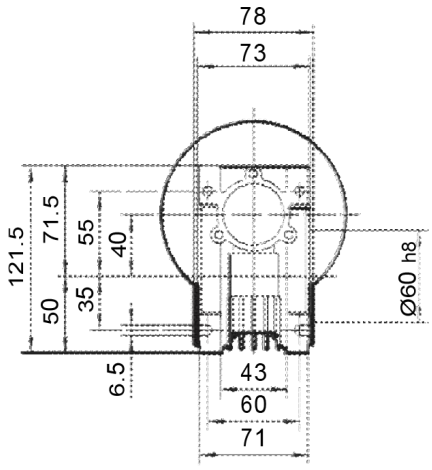
Hmotnosť bez motora ≈ 1.2 kg

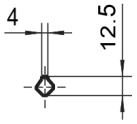
WGM040..(IEC)

Vstup









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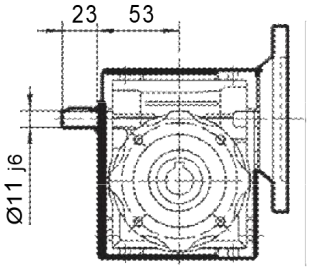
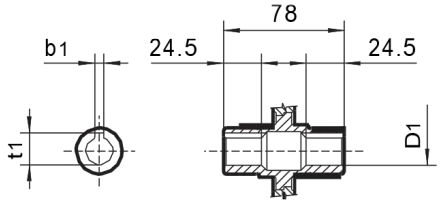
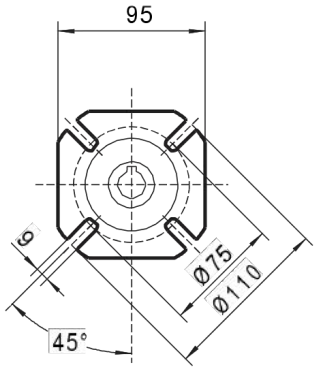
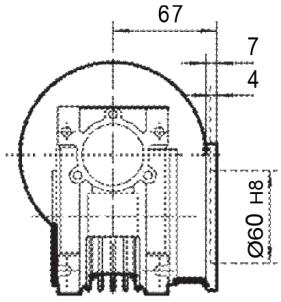




Výstup





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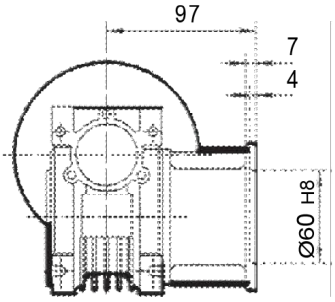

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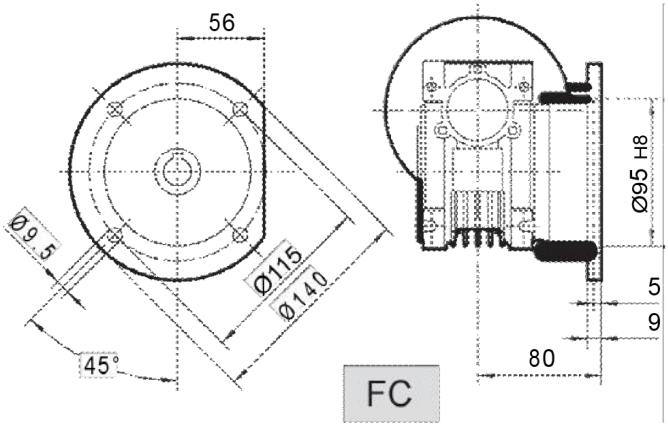

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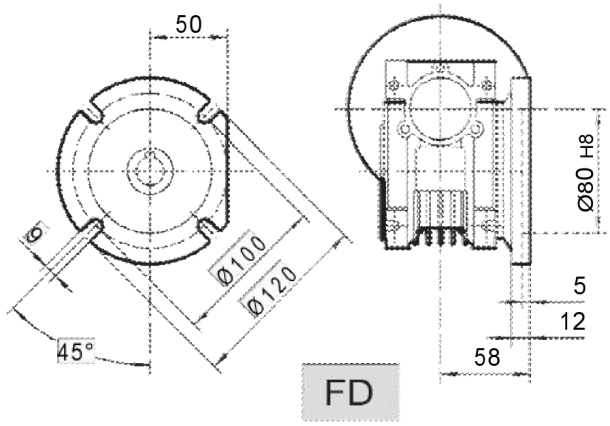


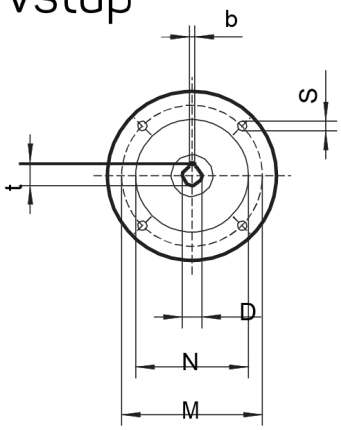
FD

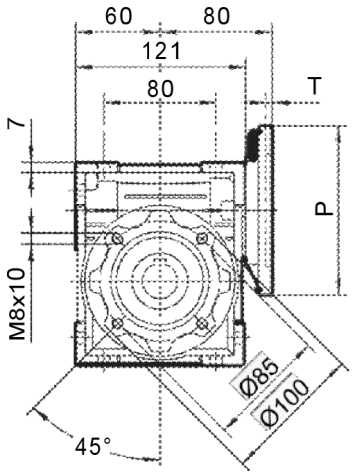
IEC	D_{E8}	b	t	P	M	N	S	T	$D_{1\ H8}$	b1	t1
56B5	9	3	10.4	120	100	80	7	4	18	6	20.8
63B5	11	4	12.8	140	115	95	9	4	19*	6*	21.8*
63B14	11	4	12.8	90	75	60	5.5	4	*Iba na vyžiadanie		
71B5	14	5	16.3	160	130	110	9	4			
71B14	14	5	16.3	105	85	70	7	4			

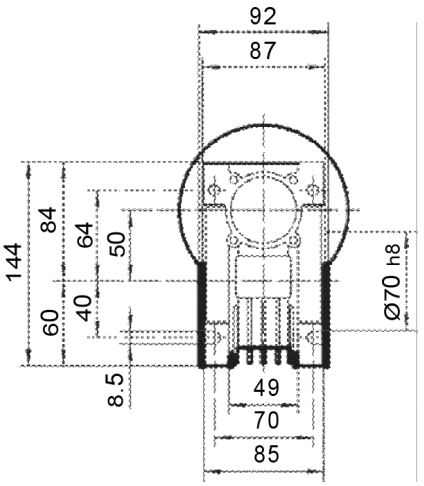
Hmotnosť bez motora ≈ 2.3 kg

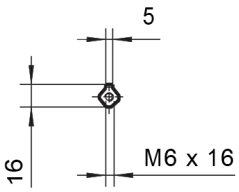
WGM050..(IEC)

Vstup









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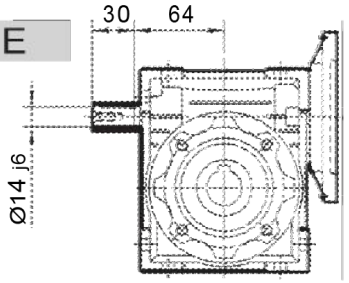
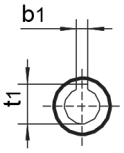
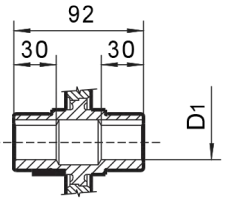
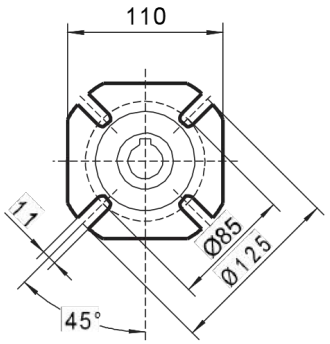
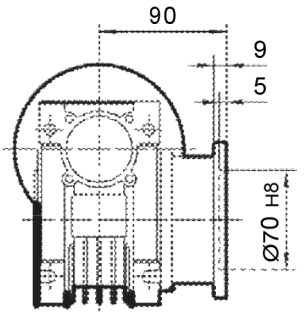






Výstup





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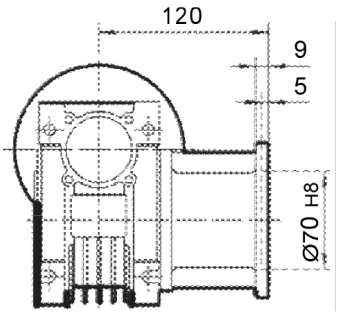

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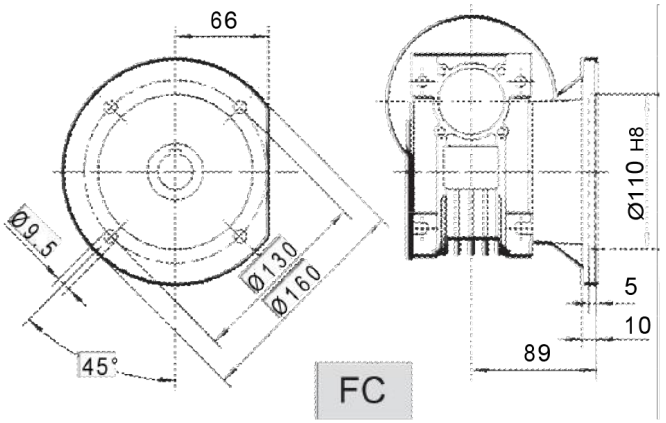

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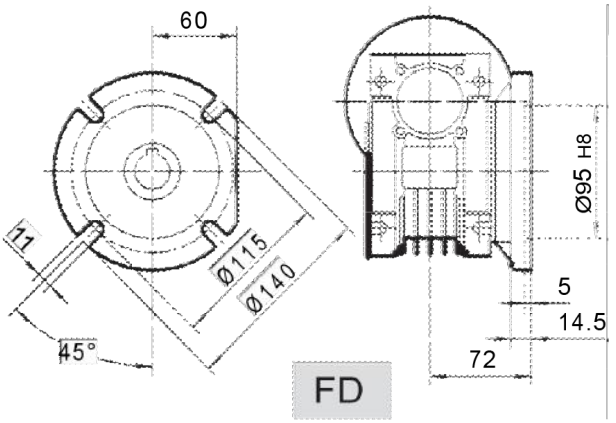


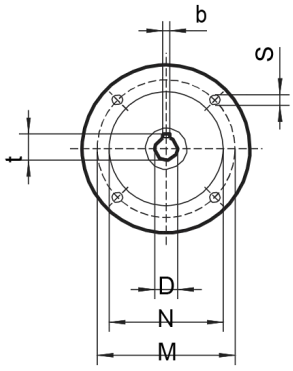
FD

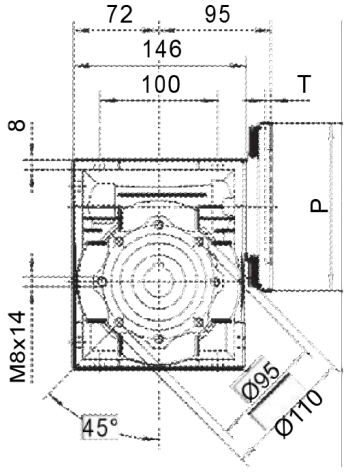
IEC	D_{E8}	b	t	P	M	N	S	T	$D_{1\ H8}$	b1	t1
63B5	11	4	12.8	140	115	95	9	4	25	8	28.3
71B5	14	5	16.3	160	130	110	9	4	24*	8*	27.3*
71B14	14	5	16.3	105	85	70	7	4	* Iba na vyžiadanie		
80B5	19	6	21.8	200	165	130	11	4			
80B14	19	6	21.8	120	100	80	7	4			

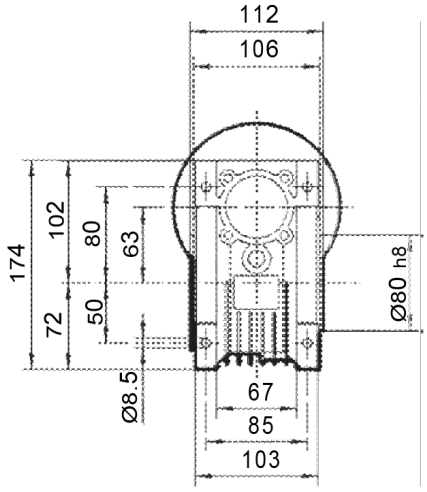
Hmotnosť bez motora ≈ 3.5 kg

WGM063..(IEC)

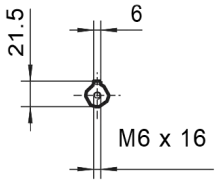
Vstup

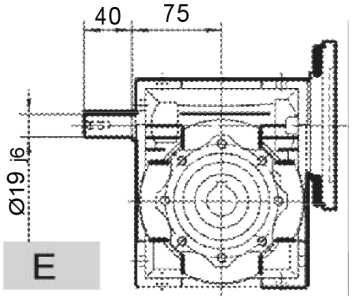






Výstup





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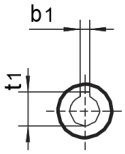

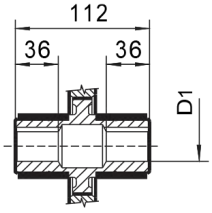

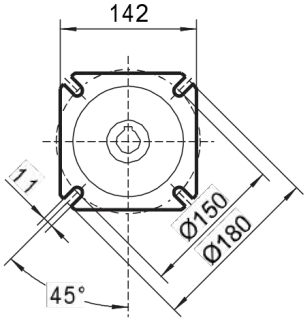

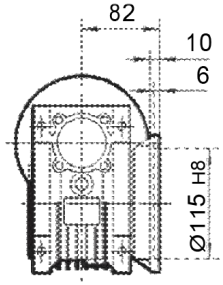

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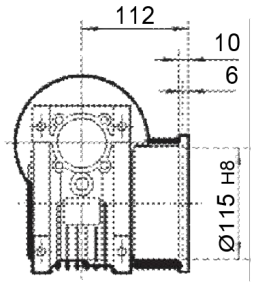

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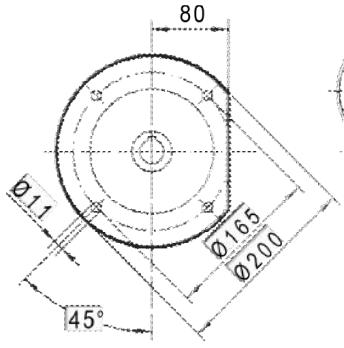

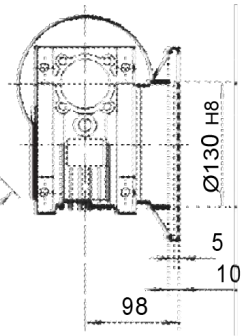

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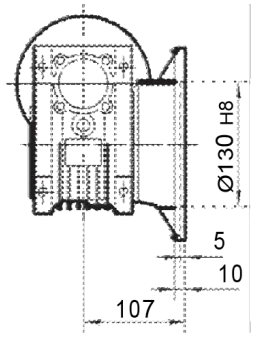

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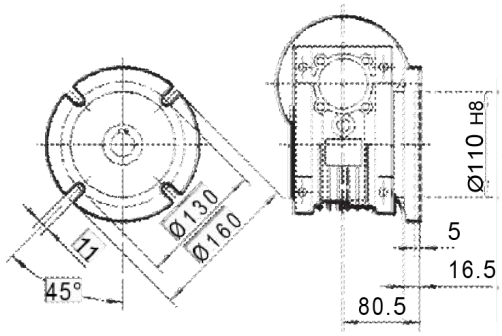


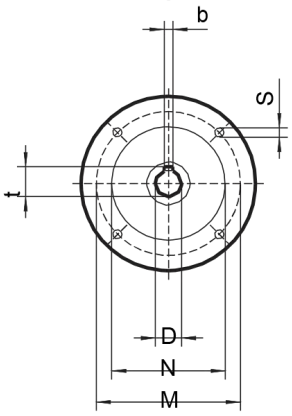
FE

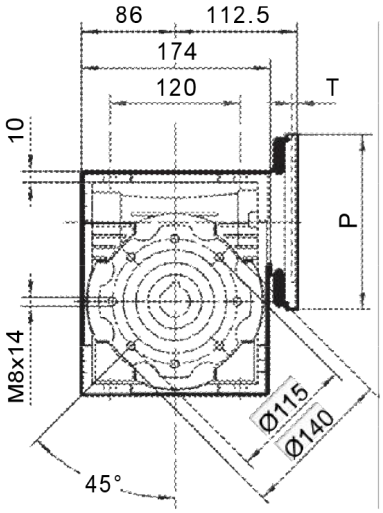
IEC	D_{E8}	b	t	P	M	N	S	T	$D_{1\ H8}$	b1	t1
71B5	14	5	16.3	160	130	110	9	4	25	8	28.3
71B14	14	5	16.3	105	85	70	7	4	28*	8*	31.3*
80B5	19	6	21.8	200	165	130	11	4			
80B14	19	6	21.8	120	100	80	7	4	* Iba na vyžiadanie		
90B5	24	8	27.3	200	165	130	11	4			
90B14	24	8	27.3	140	115	95	9	4			

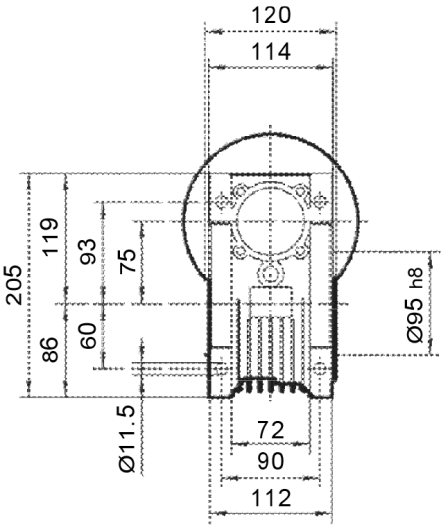
Hmotnosť bez motora ≈ 6.2 kg

WGM075..(IEC)

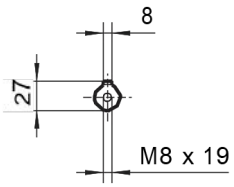
Vstup

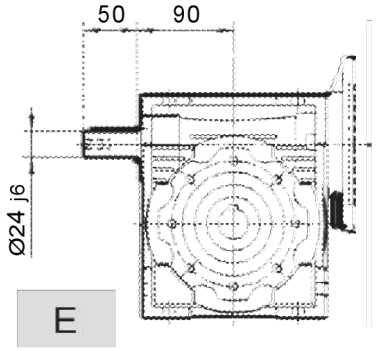


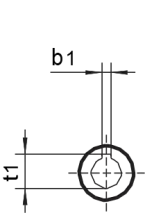


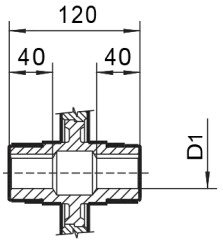


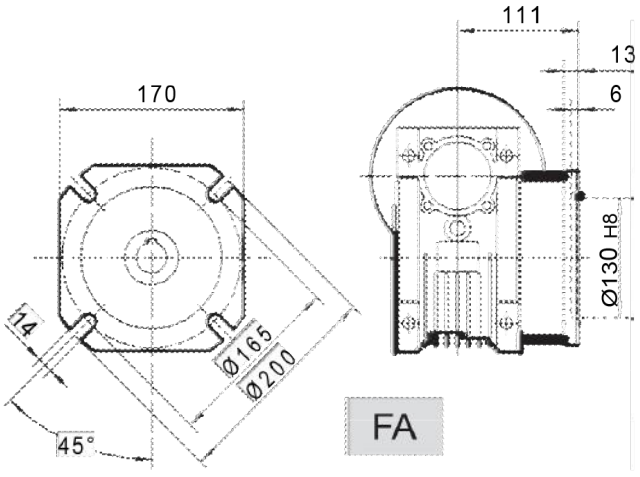
Výstup

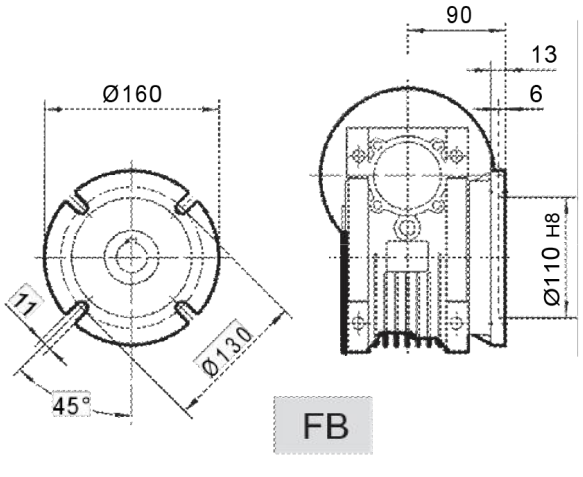










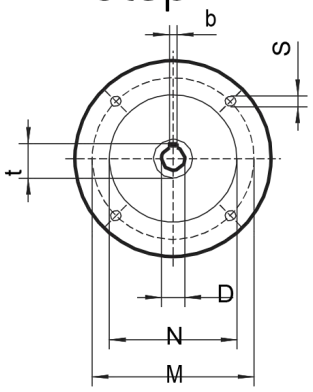


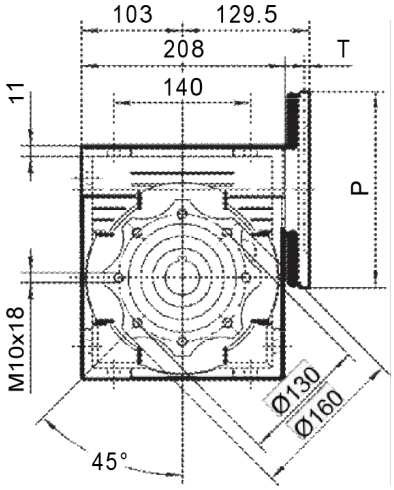
IEC	D_{E8}	b	t	P	M	N	S	T	$D1_{H8}$	b1	t1
71B5	14	5	16.3	160	130	110	9	4	28	8	31.3
80B5	19	6	21.8	200	165	130	11	4	35*	10*	38.3*
80B14	19	6	21.8	120	100	80	7	4			
90B5	24	8	27.3	200	165	130	11	4			
90B14	24	8	27.3	140	115	95	9	4	* Iba na vyžiadanie		
100/112B5	28	8	31.3	250	215	180	13.5	4.5			
100/112B14	28	8	31.3	160	130	110	9	4.5			

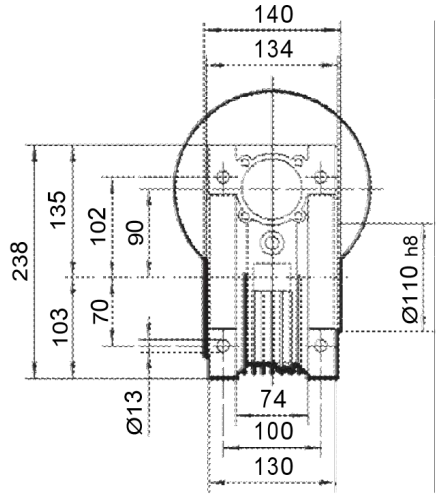
Hmotnosť bez motora ≈ 9 kg

WGM090..(IEC)

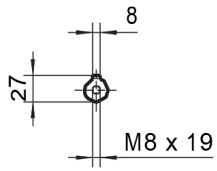
Vstup

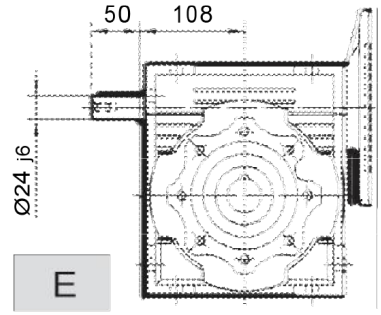


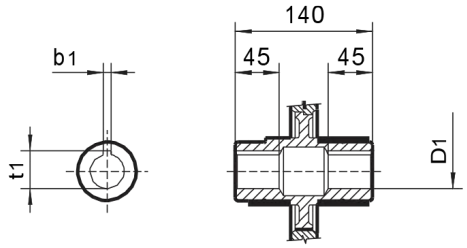


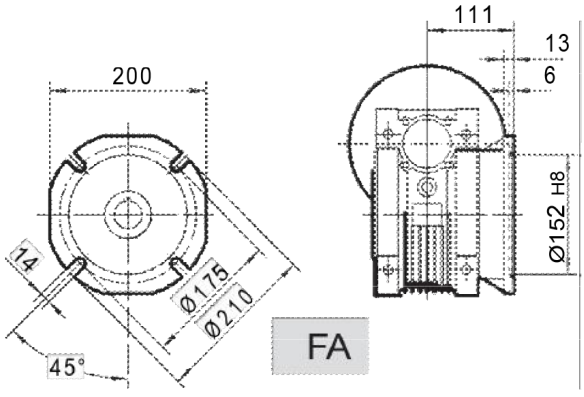


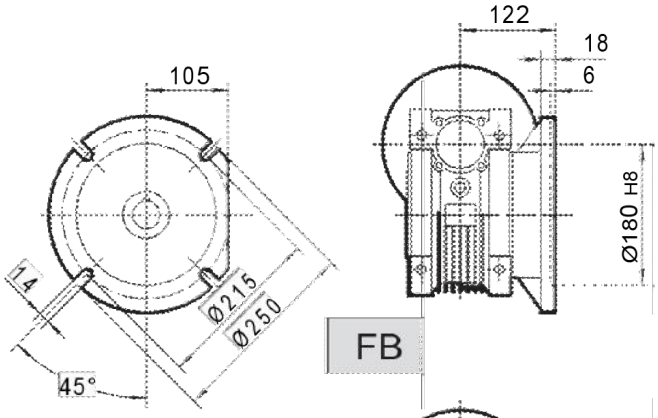
Výstup

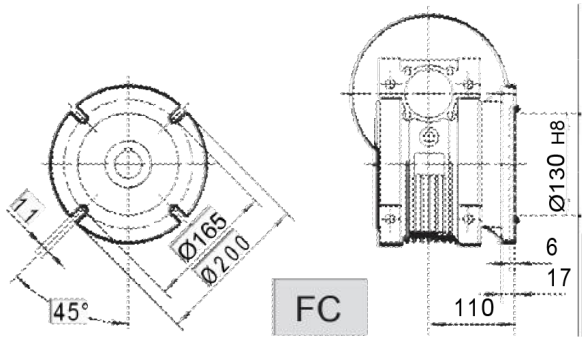


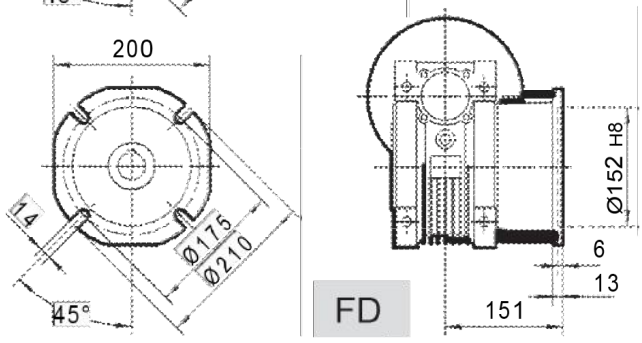










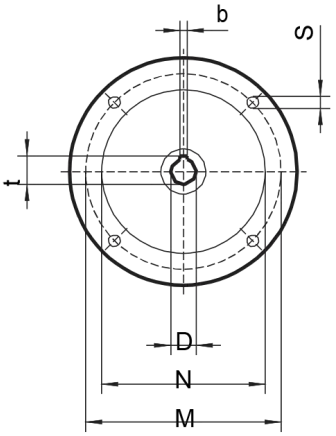


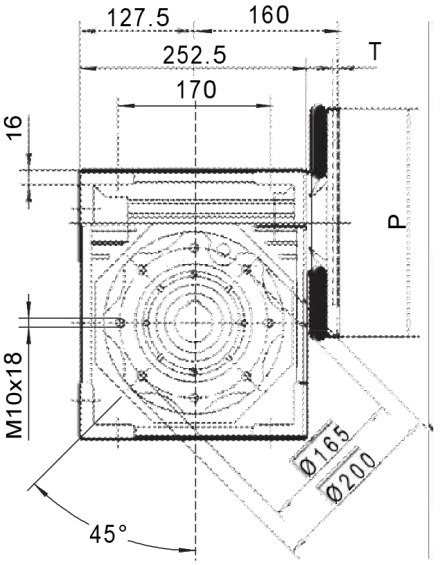
IEC	D_{E8}	b	t	P	M	N	S	T	$D_{1\ H8}$	b1	t1
80B5	19	6	21.8	200	165	130	11	4	35	10	38.3
80B14	19	6	21.8	120	100	80	7	4	38*	10*	41.3*
90B5	24	8	27.3	200	165	130	11	4	* Iba na vyžiadanie		
90B14	24	8	27.3	140	115	95	9	4			
100/112B5	28	8	31.3	250	215	180	13.5	4.5			
100/112B14	28	8	31.3	160	130	110	9	4.5			

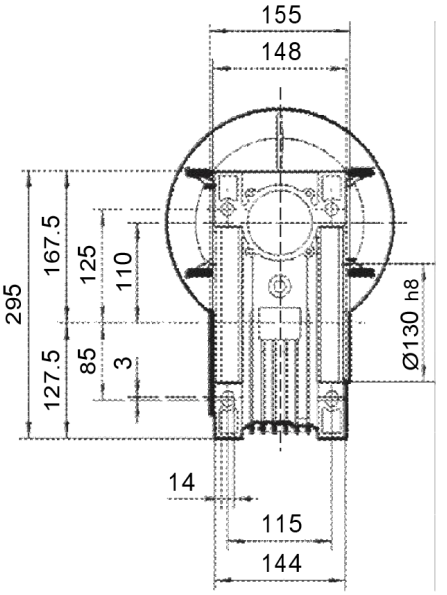
Hmotnosť bez motora ≈ 13 kg

WGM105..(IEC)

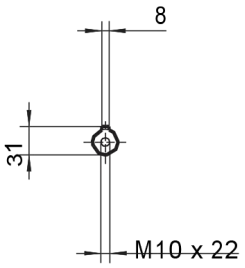
Vstup

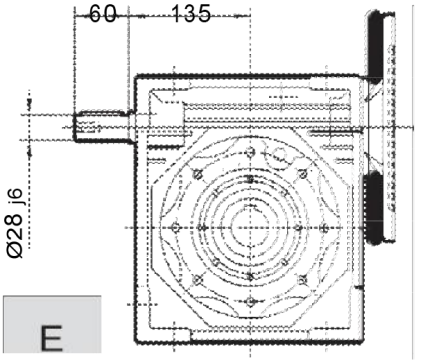


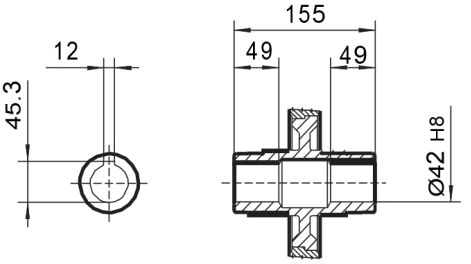


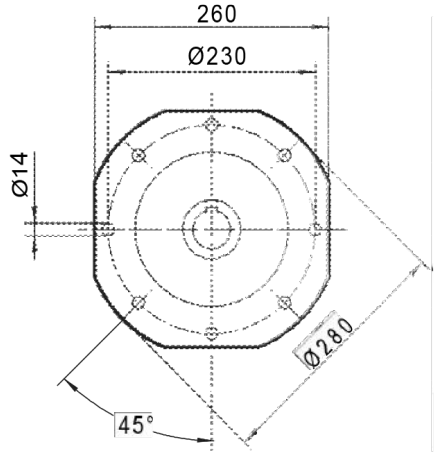


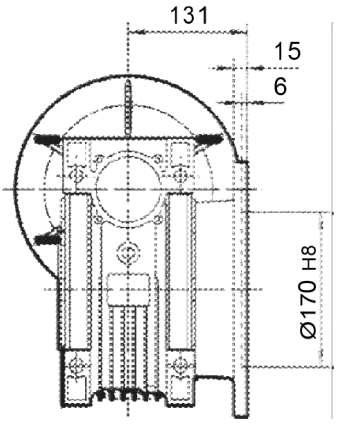
Výstup

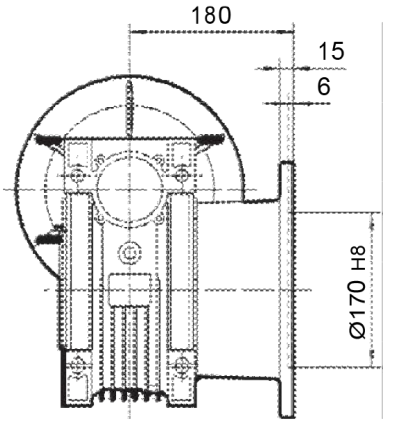










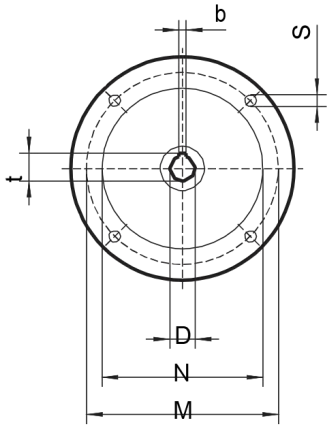


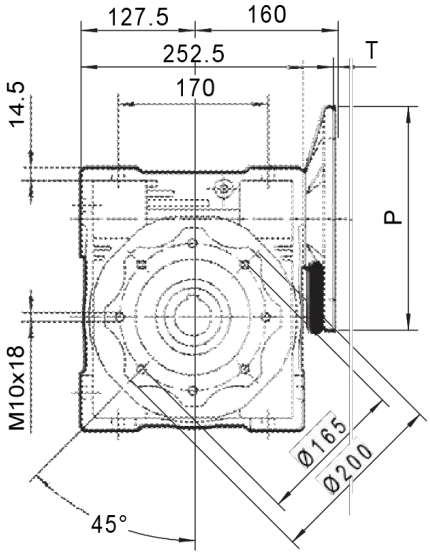
IEC	D_{E8}	b	t	P	M	N	S	T
80B5	19	6	21.8	200	165	130	11	4
90B5	24	8	27.3	200	165	130	11	4
100B5	28	8	31.3	250	215	180	14	4.5
112B5	28	8	31.3	250	215	180	14	4.5
132B5	38	10	41.3	300	265	230	14	4.5

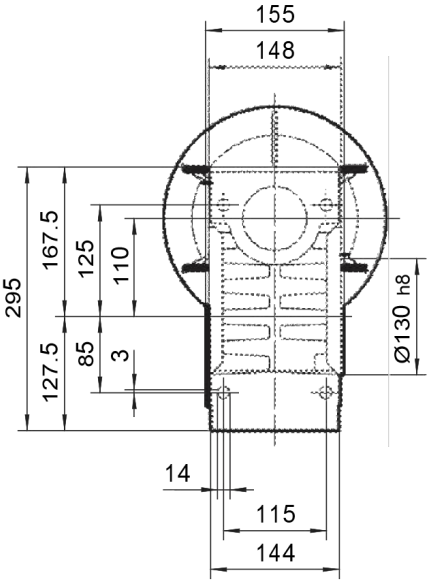
Hmotnosť bez motora ≈ 21 kg

WGM110..(IEC)

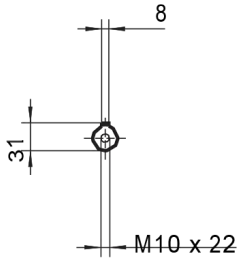
Vstup

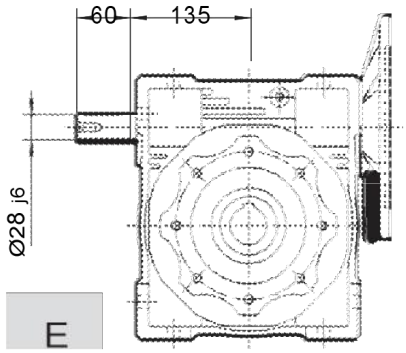


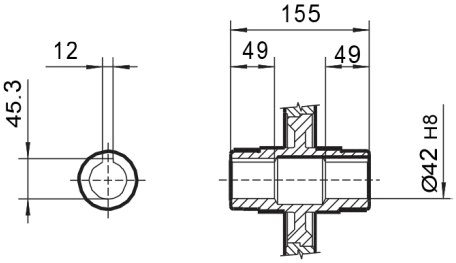


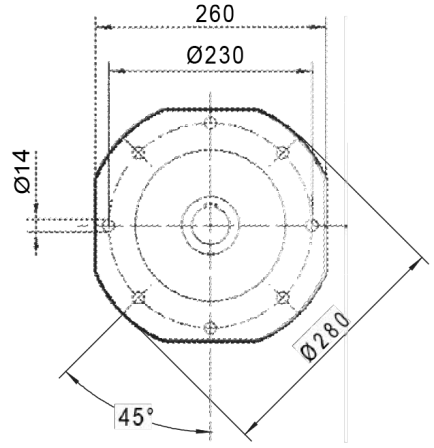


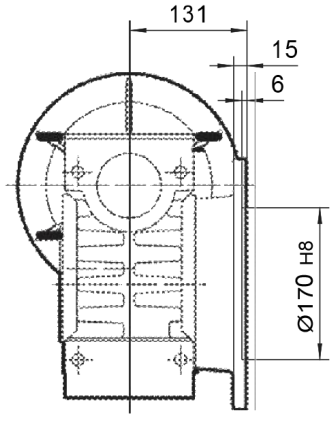
Výstup

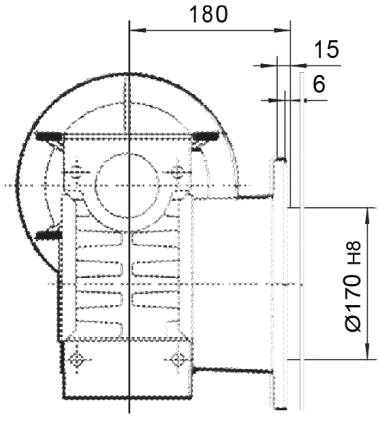










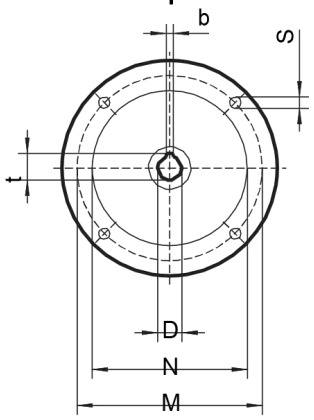


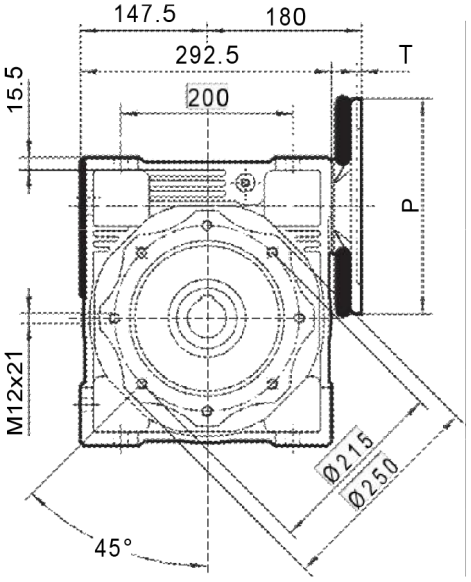
IEC	D_{E8}	b	t	P	M	N	S	T
80B5	19	6	21.8	200	165	130	11	4
90B5	24	8	27.3	200	165	130	11	4
100B5	28	8	31.3	250	215	180	14	4.5
112B5	28	8	31.3	250	215	180	14	4.5
132B5	38	10	41.3	300	265	230	14	4.5

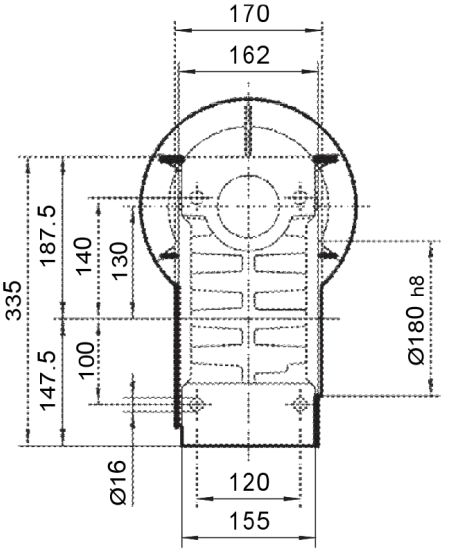
Hmotnosť bez motora ≈ 35 kg

WGM130..(IEC)

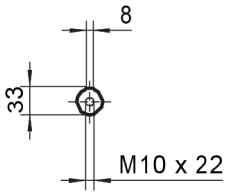
Vstup

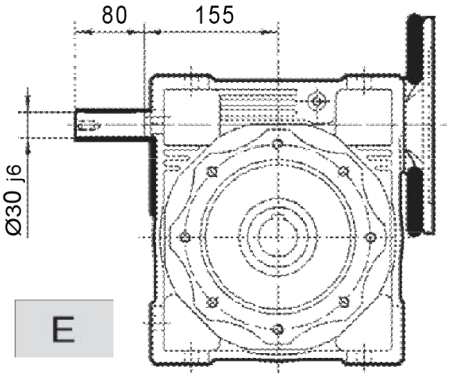


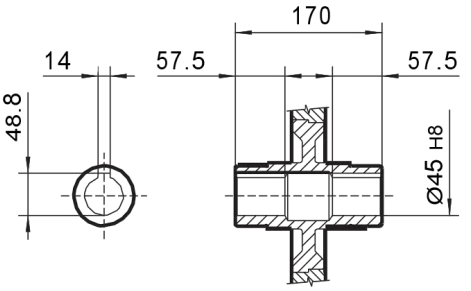


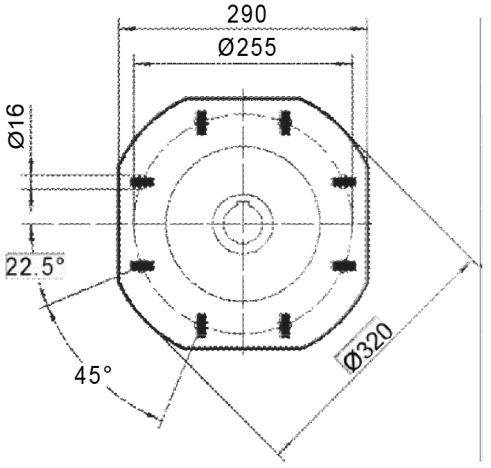


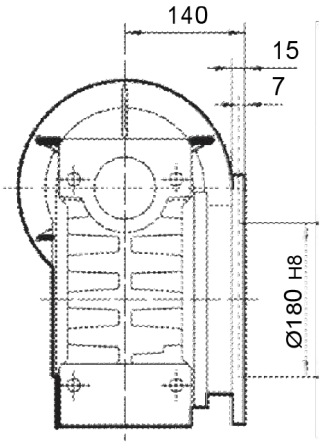
Výstup







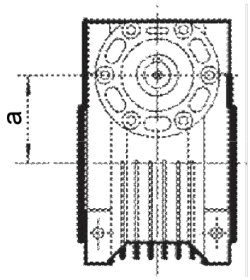


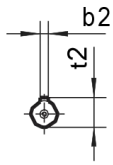


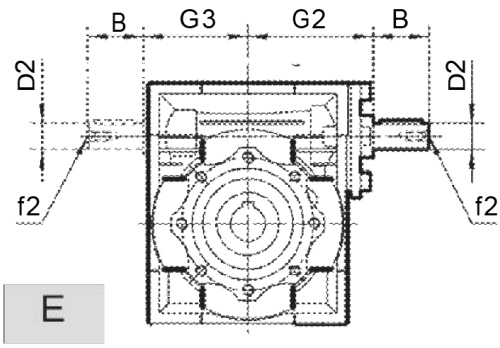
IEC	D_{E8}	b	t	P	M	N	S	T
90B5	24	8	27.3	200	165	130	11	4
100B5	28	8	31.3	250	215	180	14	4.5
112B5	28	8	31.3	250	215	180	14	4.5
132B5	38	10	41.3	300	265	230	14	4.5

Hmotnosť bez motora ≈ 48 kg

WGMHS



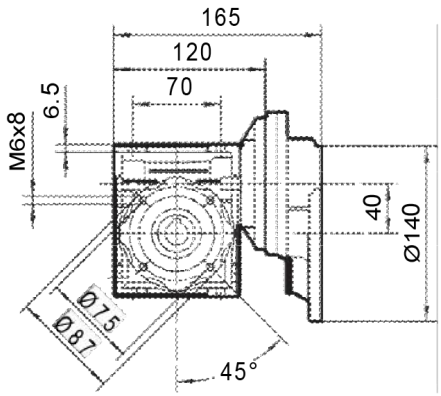


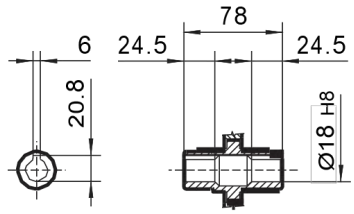


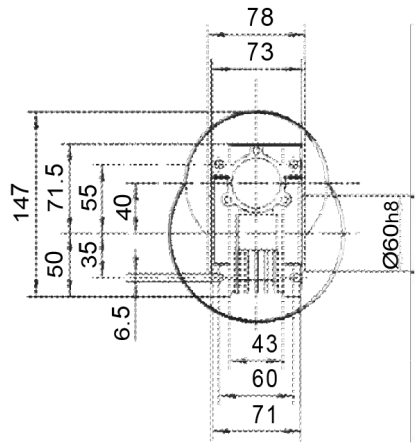
E

WGM	030	040	050	063	075	090	105	110	130
B	20	23	30	40	50	50	60	60	80
$D_{2\ j6}$	9	11	14	19	24	24	28	28	30
G_2	51	60	74	90	105	125	142	142	162
G_3	45	53	64	75	90	108	135	135	155
a	30	40	50	63	75	90	110	110	130
b_2	3	4	5	6	8	8	8	8	8
f_2	-	-	M6	M6	M8	M8	M10	M10	M10
t_2	10.2	12.5	16	21.5	27	27	31	31	33

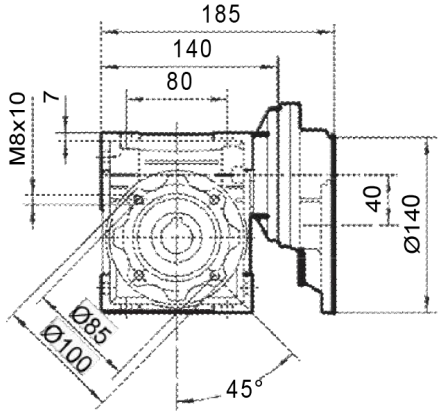
PS063 - WGM040

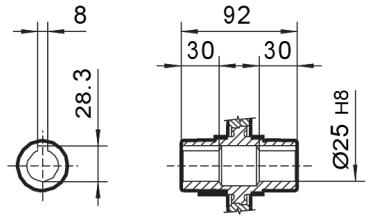


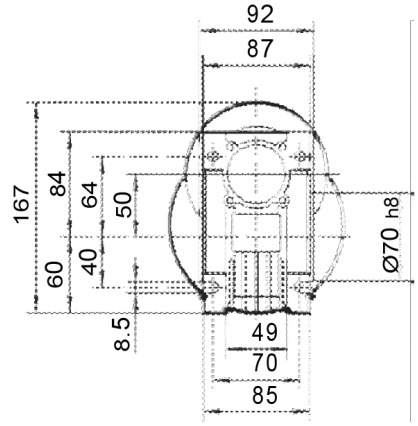




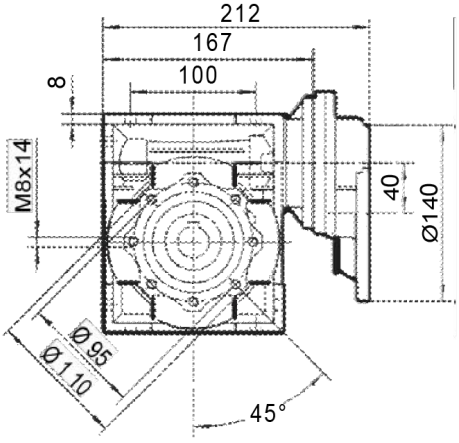
PS063 - WGM050

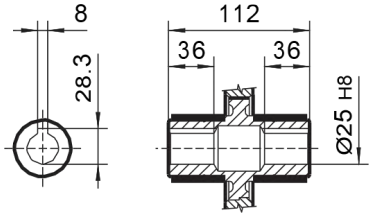


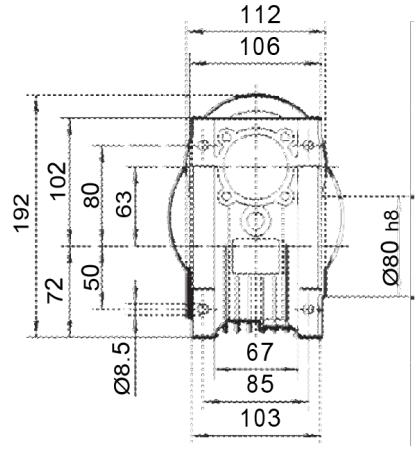




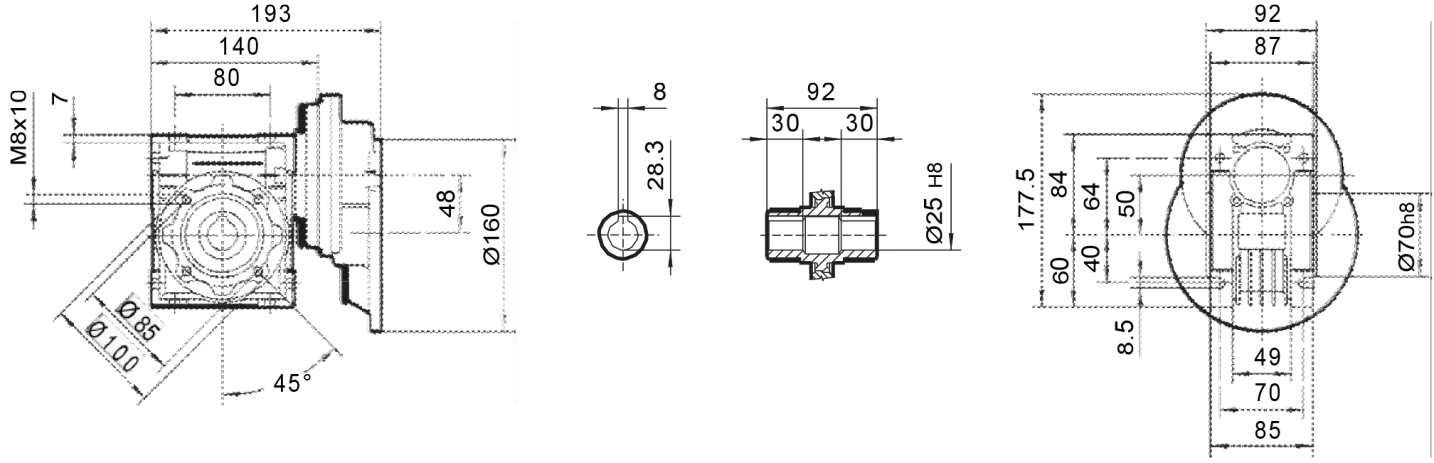
PS063 - WGM063



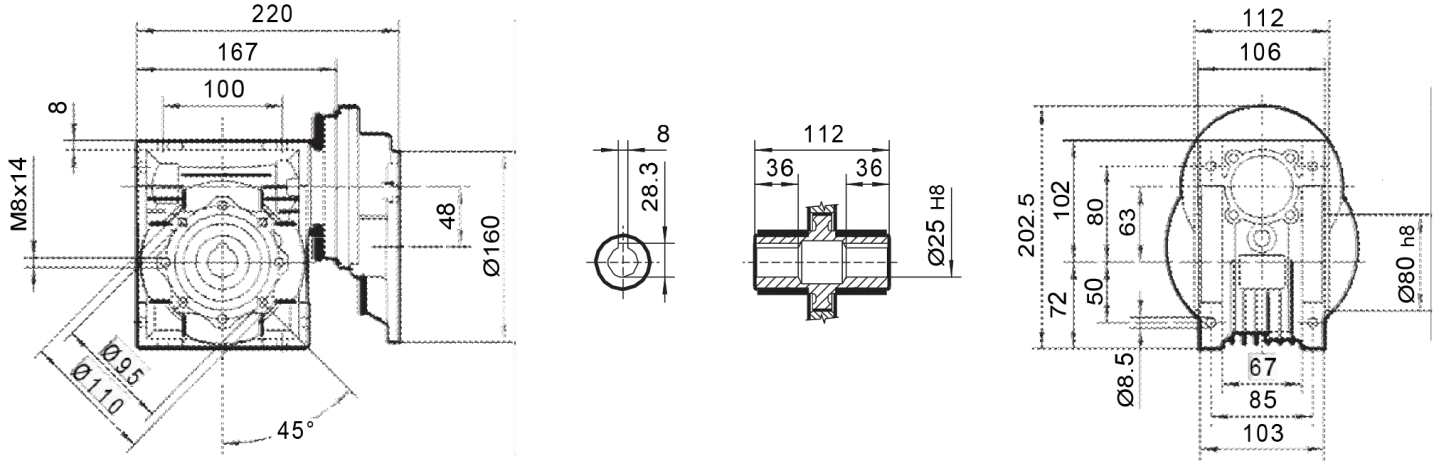




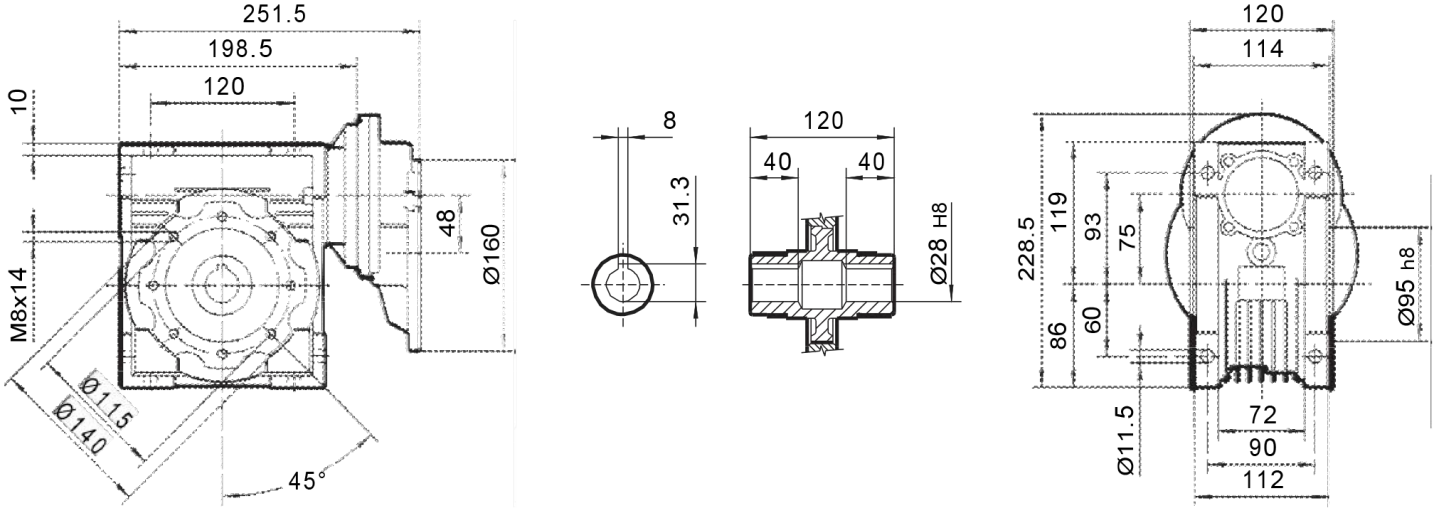
PS071 - WGM050



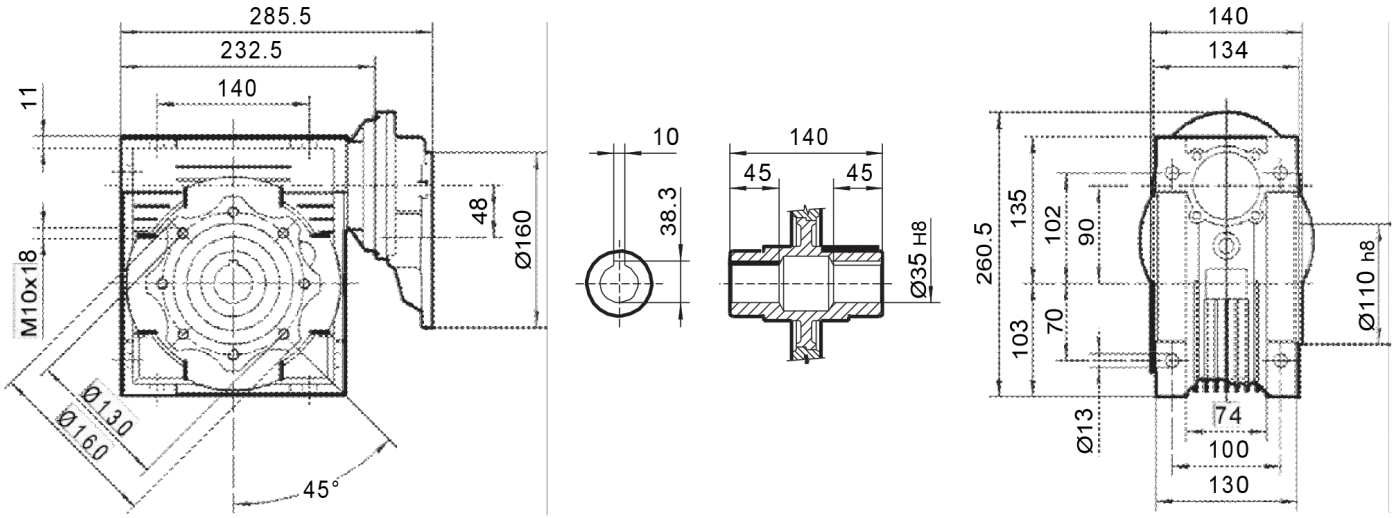
PS071 - WGM063



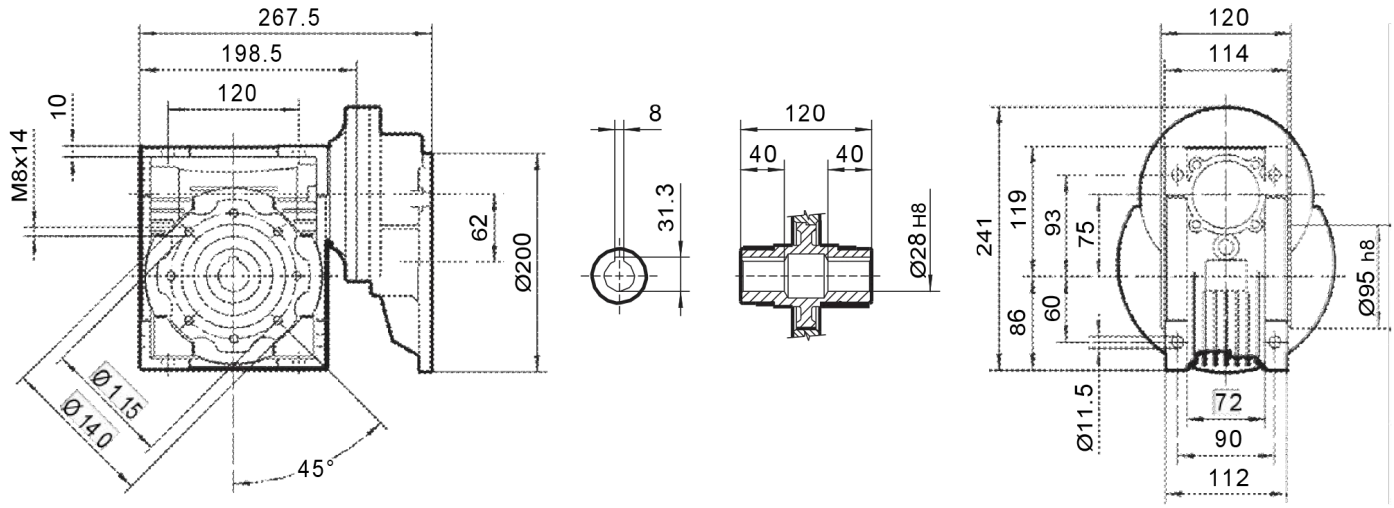
PS071 - WGM075



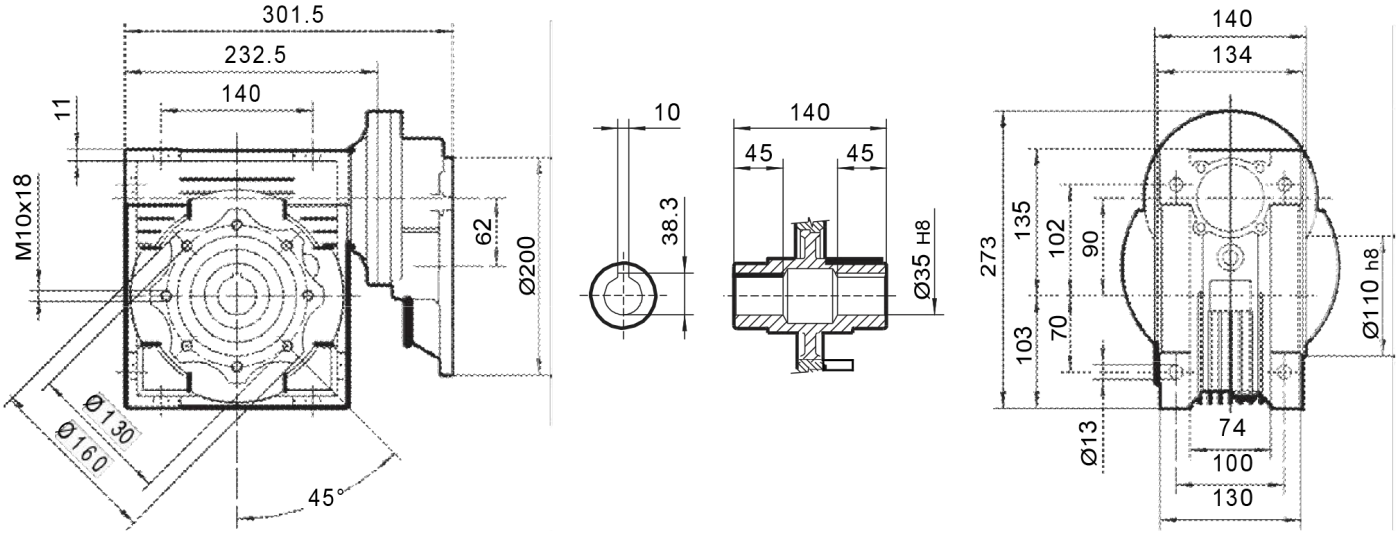
PS071 - WGM090



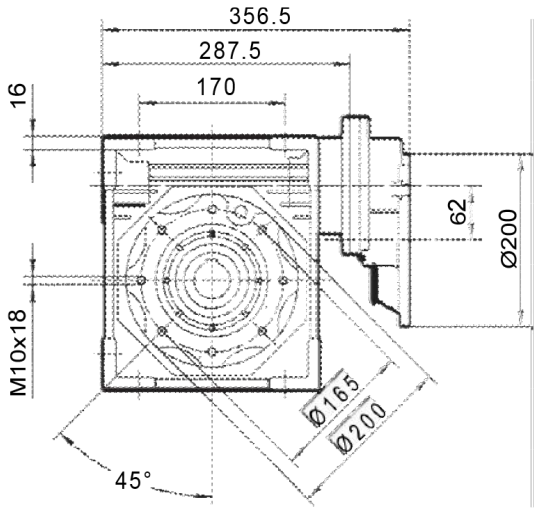
PS080 - WGM075

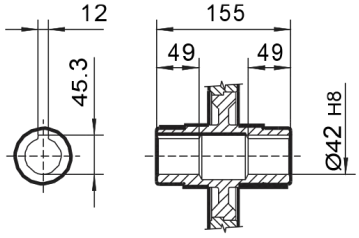


PS080 - WGM090

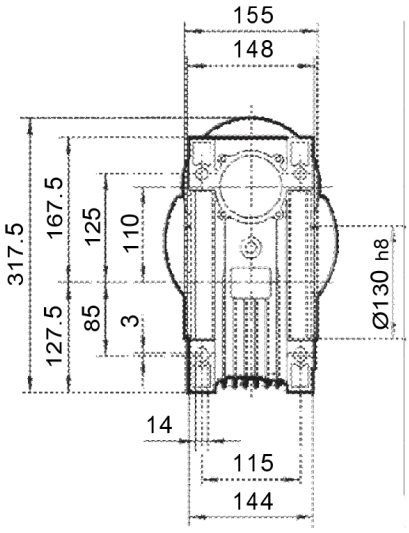


PS080- WGM105

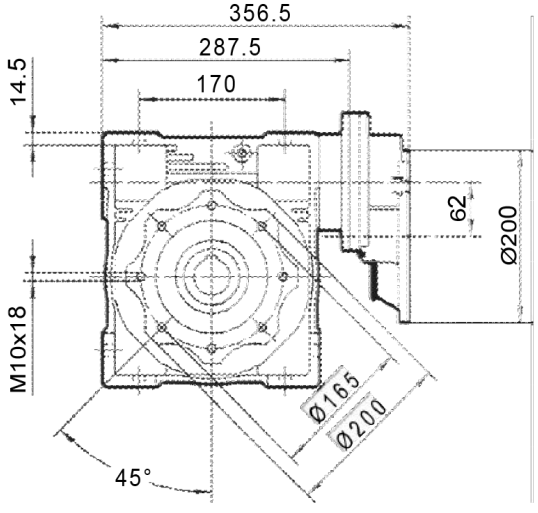


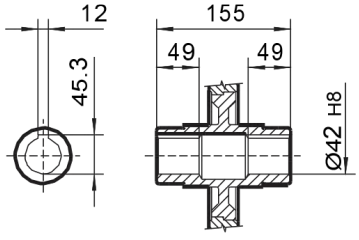


PS090- WGM105

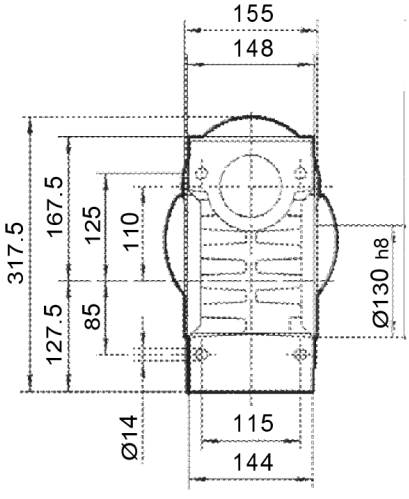


PS080 - WGM110

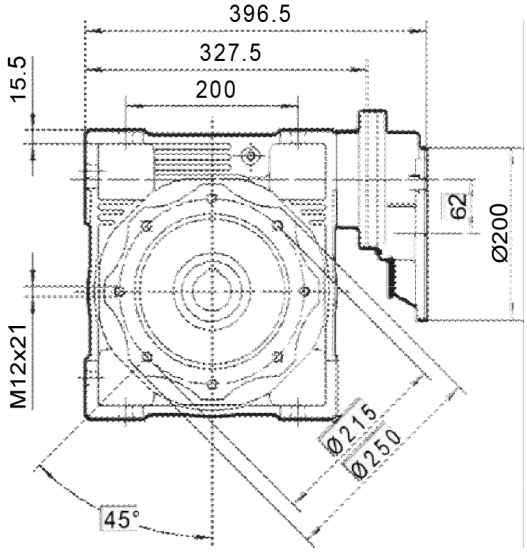


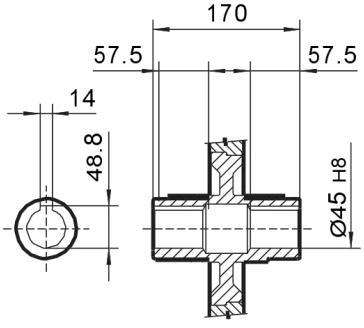


PS090 - WGM110

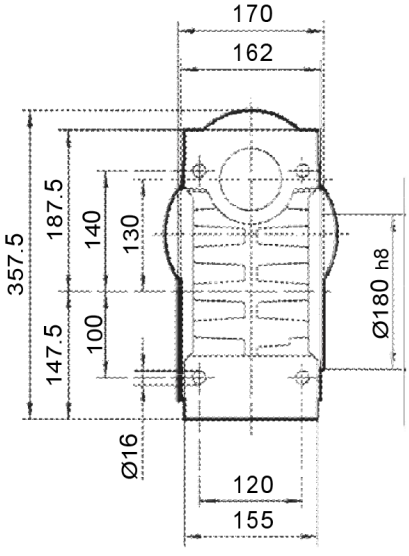


PS80- WGM130

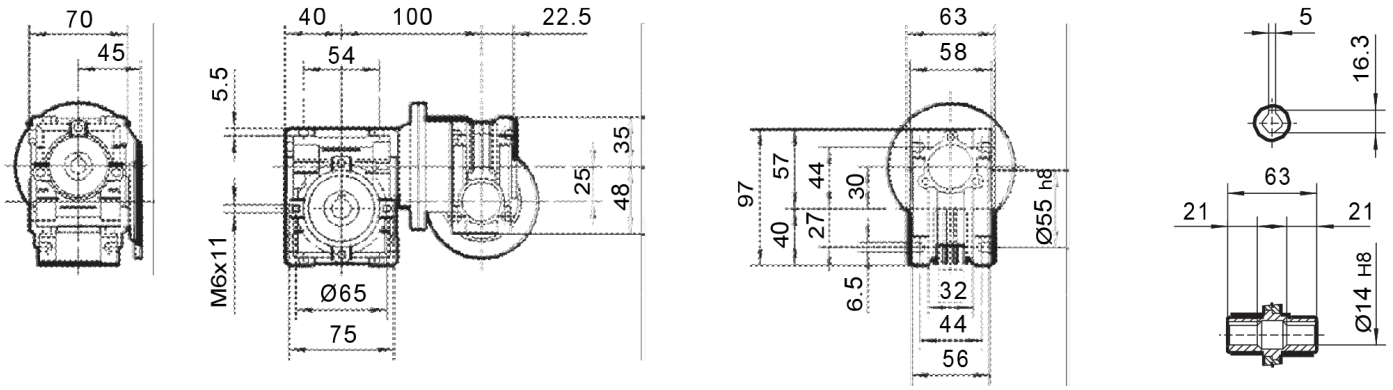




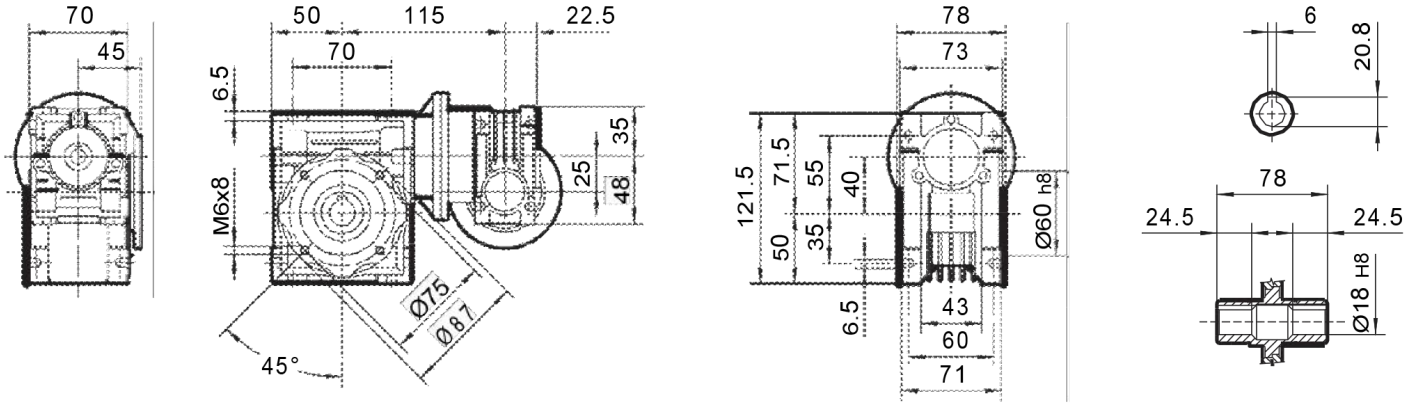
PS90- WGM130



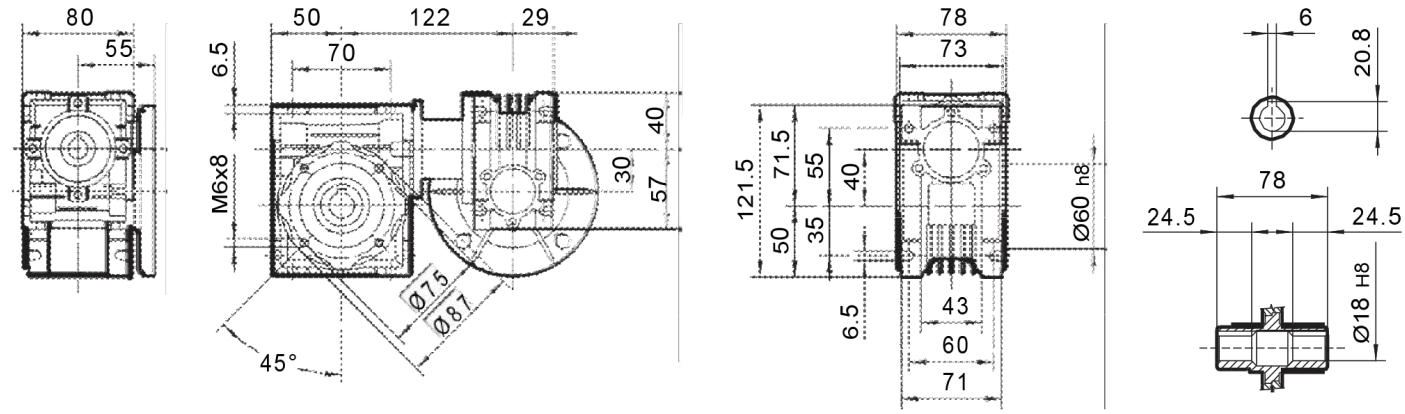
WGM025 / 030



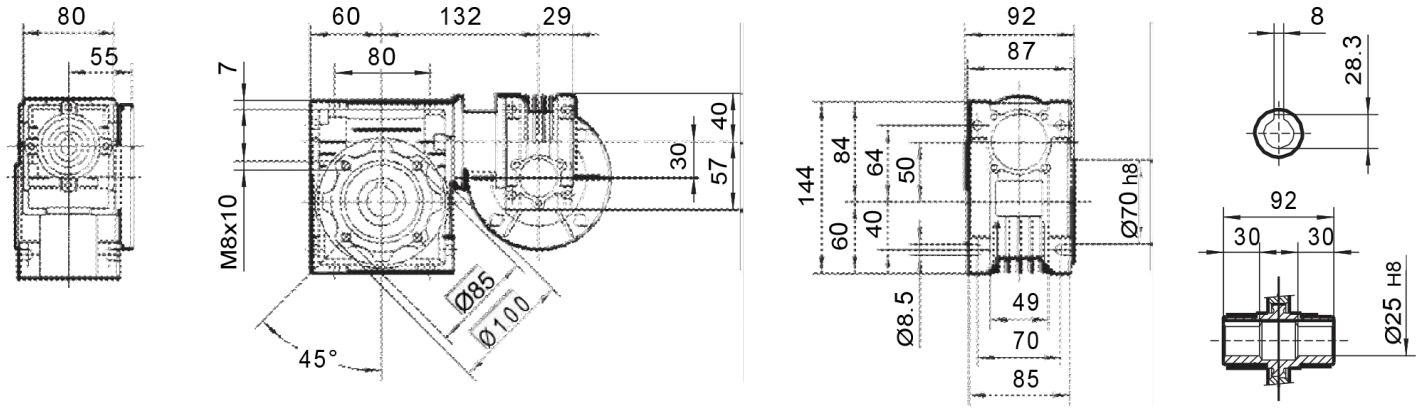
WGM025 / 040



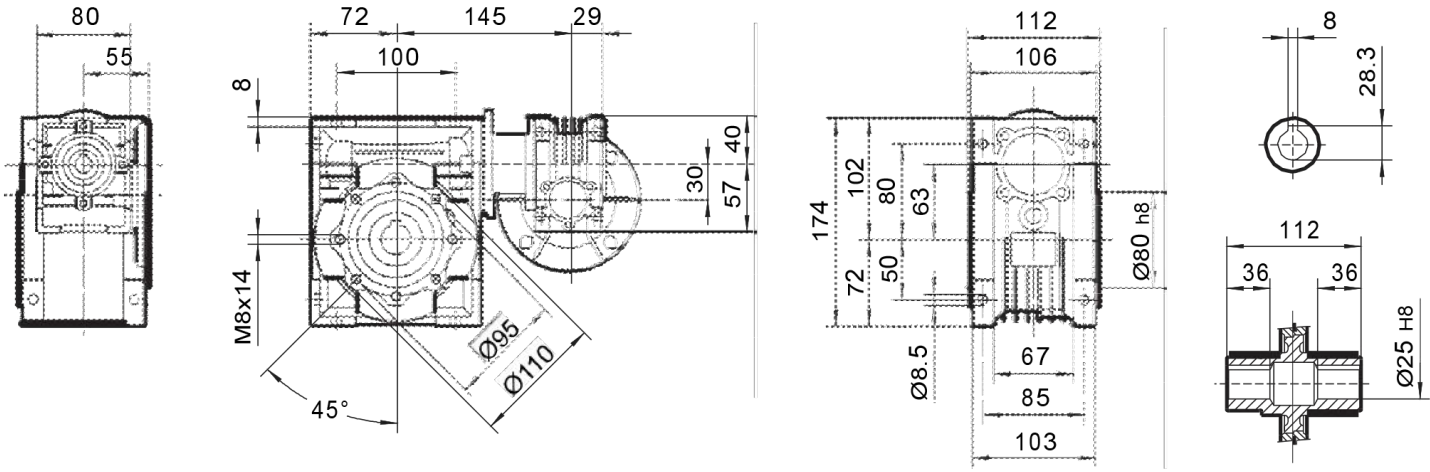
WGM030 / 040



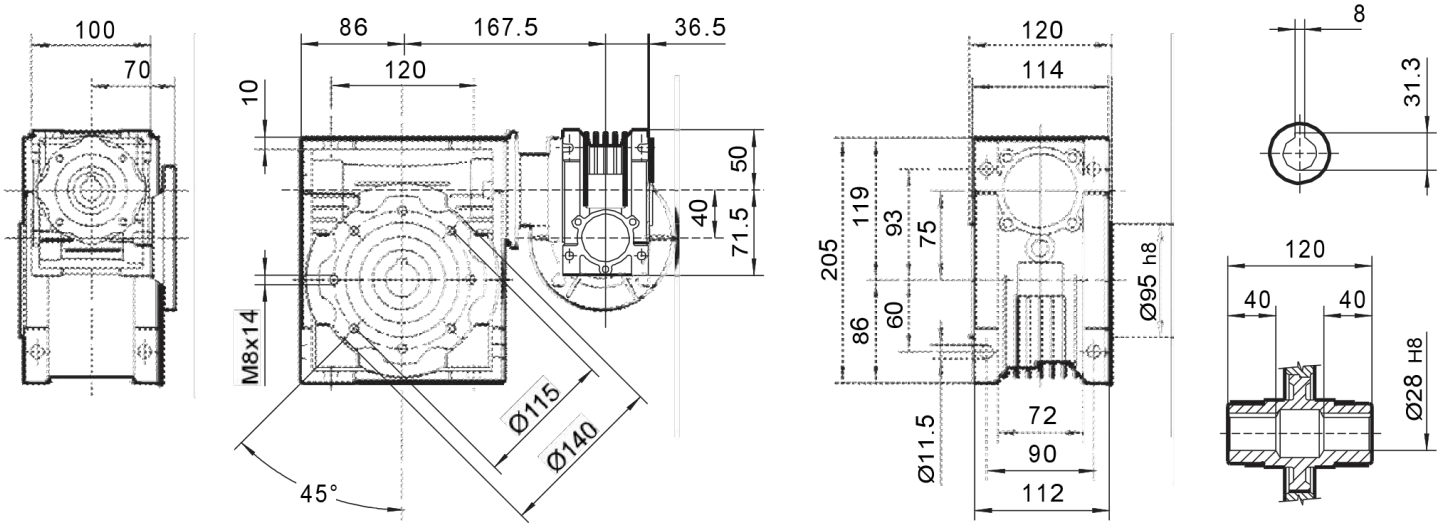
WGM030 / 050



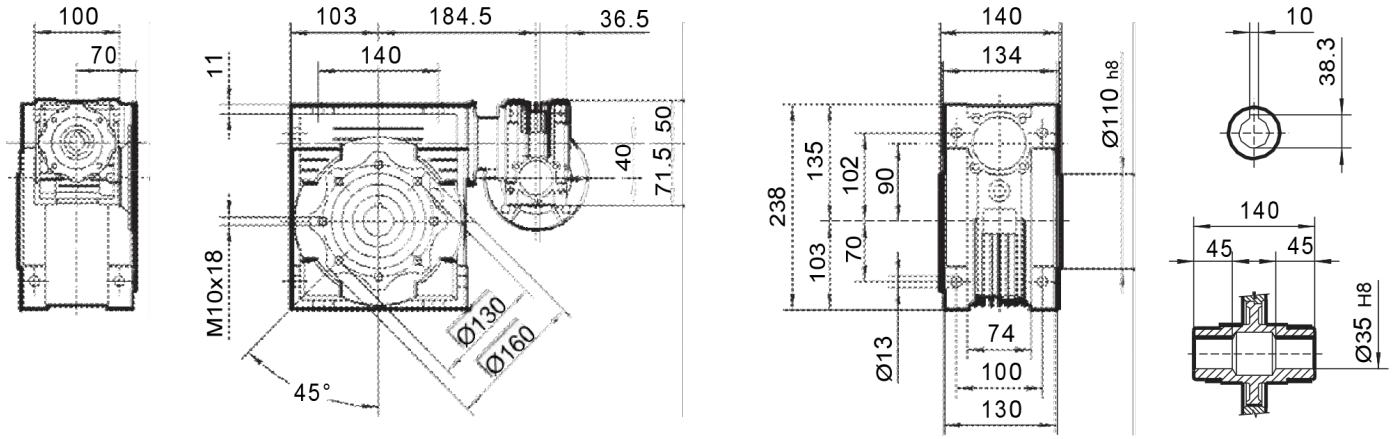
WGM030 / 063



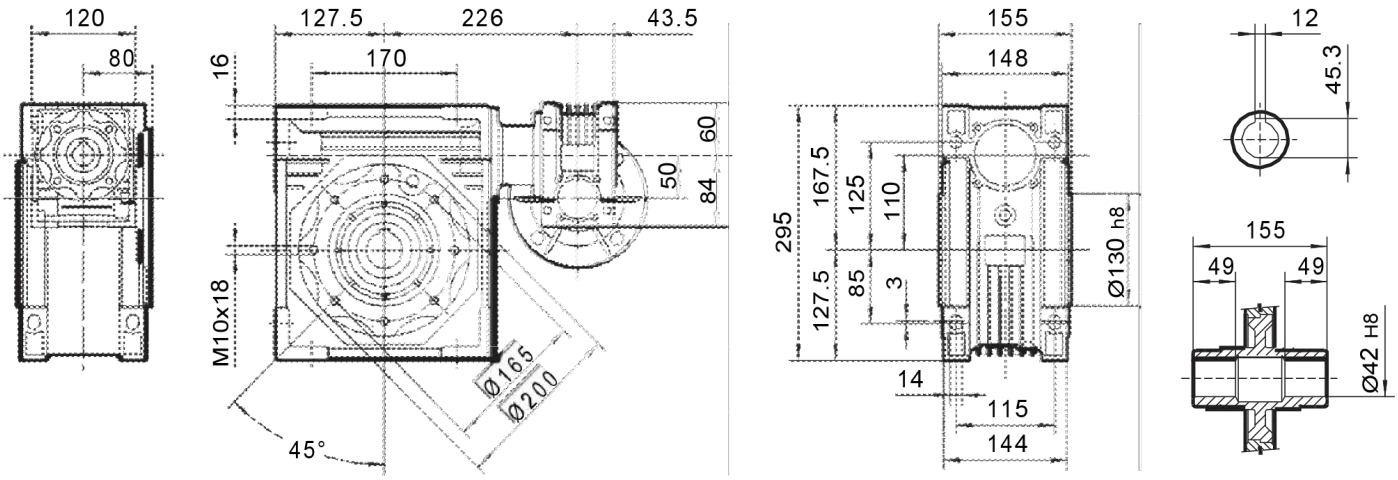
WGM040 / 075



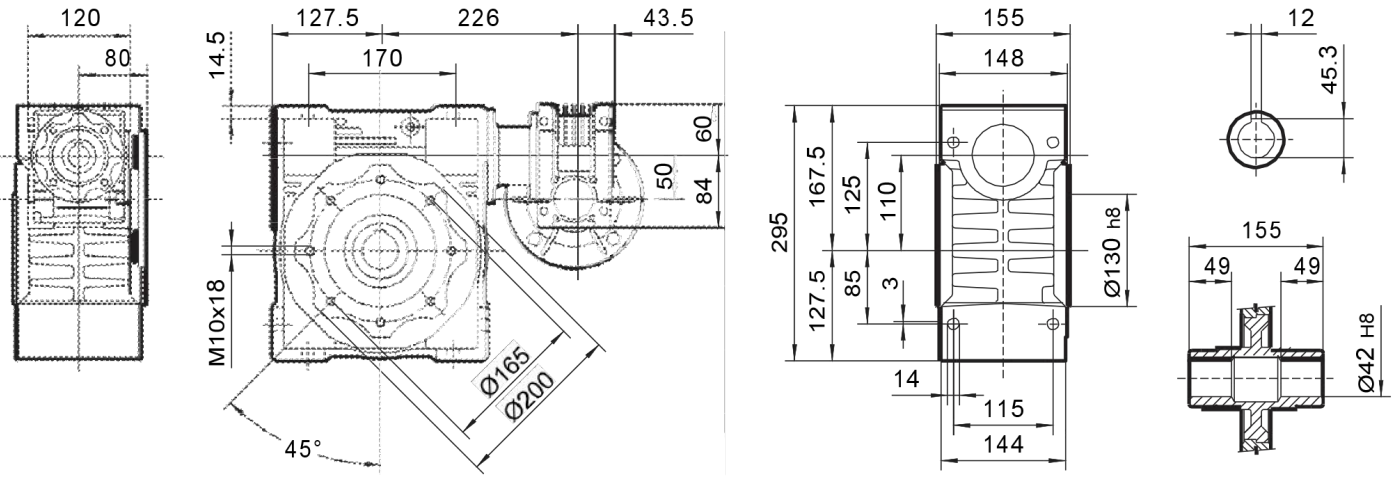
WGM040 / 090



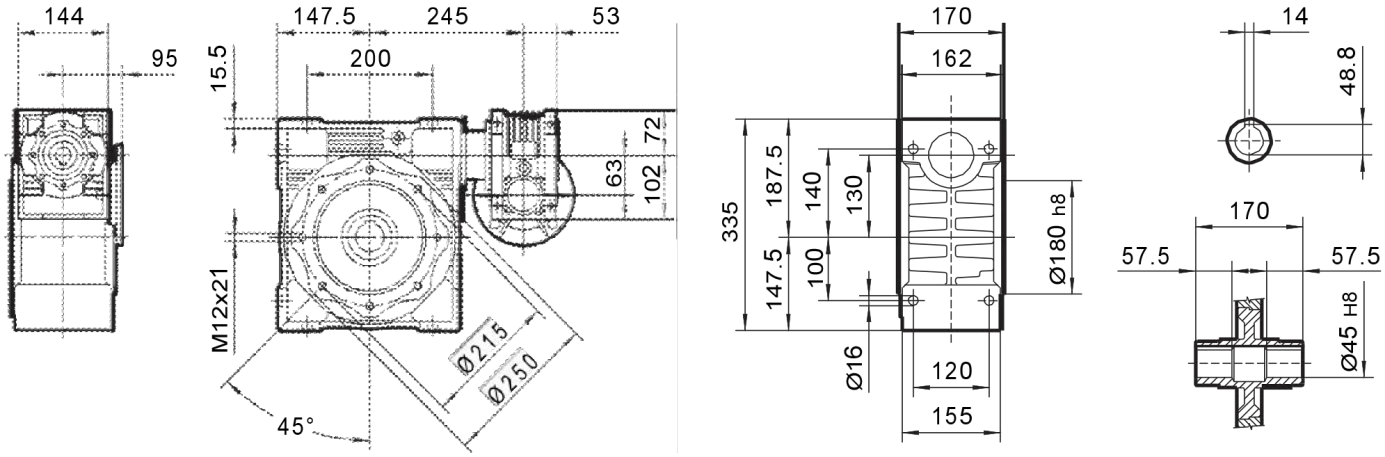
WGM050 / 105



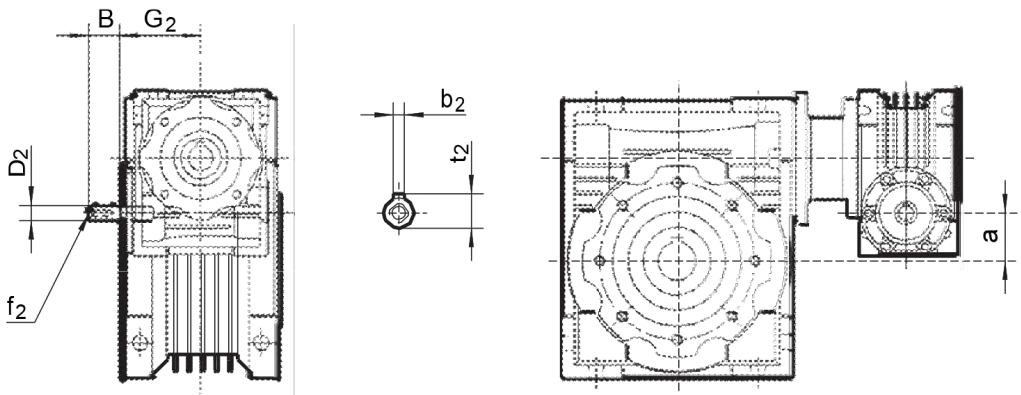
WGM050 / 110



WGM063 / 130



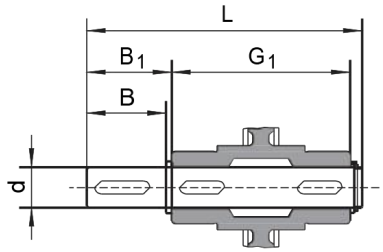
Kombinované závitovkové prevodovky



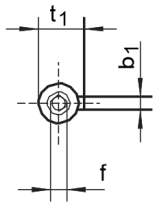
WGMHS - WGM	030 / 040	030 / 050	030 / 063	040 / 075	040 / 090	050 / 105	050 / 110	063 / 130
B	20	20	20	23	23	30	30	40
$D_{2\ j6}$	9	9	9	11	11	14	14	19
G_2	51	51	51	60	60	74	74	90
a	10	20	33	35	50	60	60	67
b_2	3	3	3	4	4	5	5	6
f_2	-	-	-	-	-	M6	M6	M6
t_2	10.2	10.2	10.2	12.5	12.5	16	16	21.5

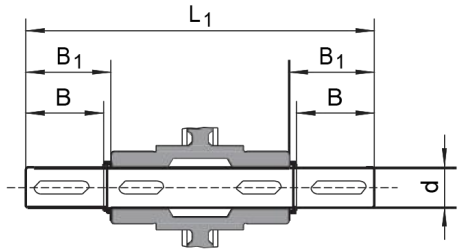
Príslušenstvo

Výstupné hriadele



SS



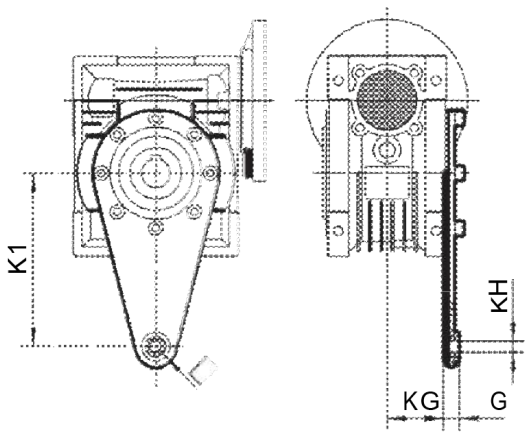


DS

	d h6	B	B1	G1	L	L1	f	b1	t1
WGM025	11 g6	23	25.5	50	81	101	—	4	12.5
	9 *	25 *	30 *	50	85.5 *	101	—	3 *	10.2 *
WGM030	14	30	32.5	63	102	128	M6	5	16
WGM040	18	40	43	78	128	164	M6	6	20.5
WGM050	25	50	53.5	92	153	199	M10	8	28
WGM063	25	50	53.5	112	173	219	M10	8	28
WGM075	28	60	63.5	120	192	247	M10	8	31
WGM090	35	80	84.5	140	234	309	M12	10	38
WGM105	42	80	84.5	155	249	324	M16	12	45
WGM110	42	80	84.5	155	249	324	M16	12	45
WGM130	45	80	85	170	265	340	M16	14	48.5

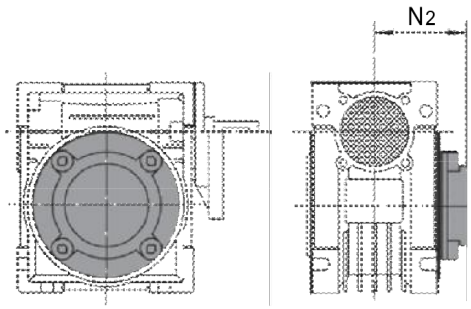
* Iba na vyžiadanie

Torzné rameno



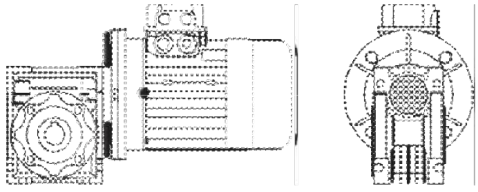
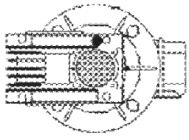
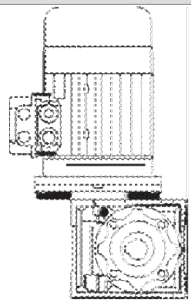
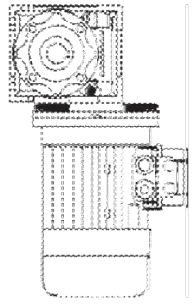
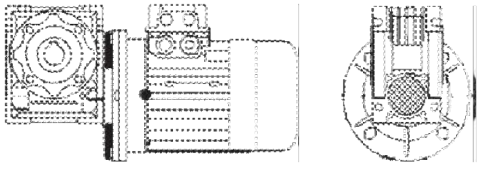
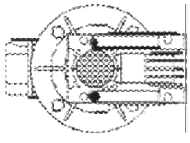
	K1	G	KG	KH	R
WGM025	70	14	17.5	8	15
WGM030	85	14	24	8	15
WGM040	100	14	31.5	10	18
WGM050	100	14	38.5	10	18
WGM063	150	14	49	10	18
WGM075	200	25	47.5	20	30
WGM090	200	25	57.5	20	30
WGM105	250	30	62	25	35
WGM110	250	30	62	25	35
WGM130	250	30	69	25	35

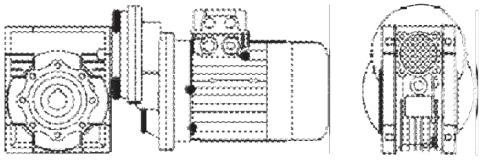
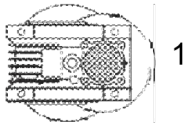
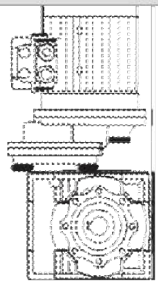
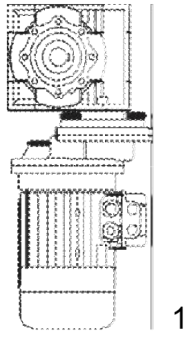
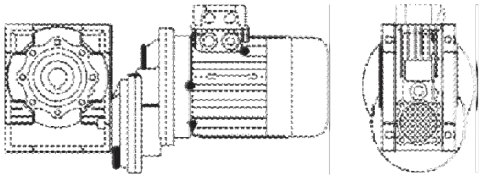
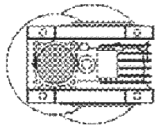
Kryt



	N2		N2
WGM030	47	**WGM090**	94
WGM040	55	**WGM105**	102
WGM050	63	**WGM110**	102
WGM063	73	**WGM130**	117
WGM075	79		

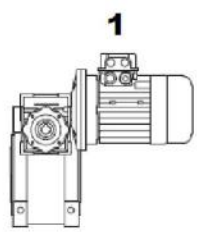
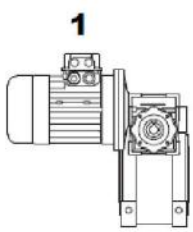
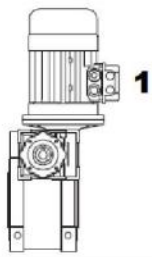
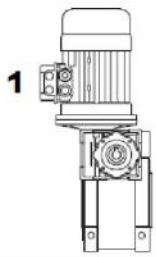
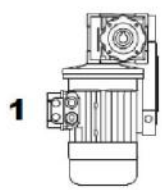
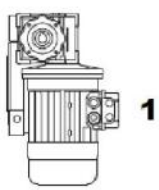
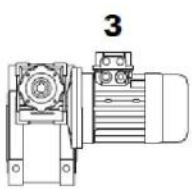
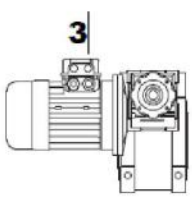
Montážne polohy

WGM...U - B3	B6	V5	V6
1 	 1	 1	 1
B8	**B7**		
3 	 1		

PS.. - WGM...U - B3	B6	V5	V6
1 	 1	 1	 1
B8	**B7**		
3 	 1		

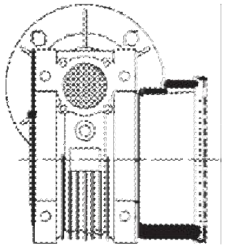
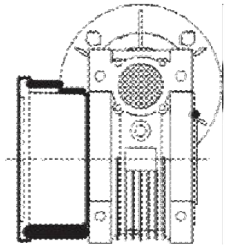
Univerzálna montážna poloha sa vzťahuje na veľkosti WGM025-075 a WGMHS030-063. Pre iné veľkosti je nutné špecifikovať montážne polohy.

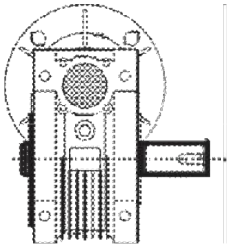
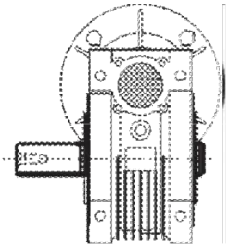
Montážne polohy

AS1	AS2	VS1	VS2
			
PS1	**PS2**	**BS1**	**BS2**
			

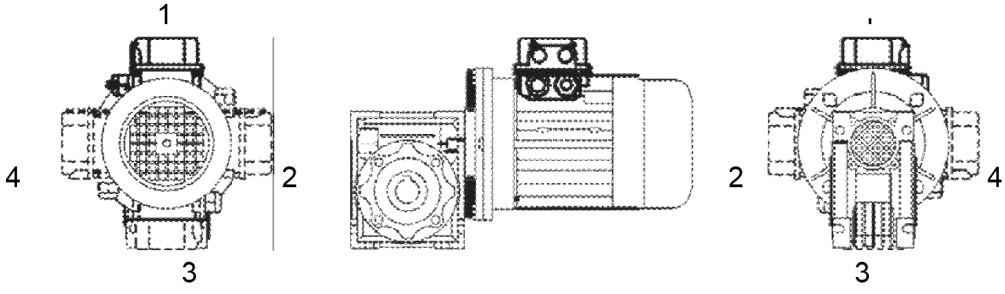
Existuje 8 rôznych typov prevodoviek s dvoma závitovkami.
Malá prevodovka môže byť namontovaná na veľkú prevodovku.
Montážna poloha sa vždy vzťahuje na veľkú prevodovku.
Ak nie je uvedené v objednávke inak, dodáva sa typ BS2.

Montážne polohy

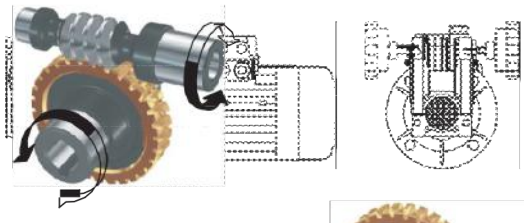
FA1,FB1,FC1,FD1,FE1	FA2,FB2,FC2,FD2,FE2
	

SS1	SS2
	

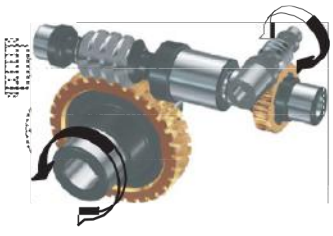
Svorkovnica



Smer rotácie



WGM



WGM - WGM

Kontakt

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