



HELICAL-HYPOID GEARBOXES

RO series



POWER TRANSMISSION





We coordinate the promotion and sale of Mechanical Transmission products manufactured or distributed by a group of companies operating in Italy and Europe.

Quality, technical and professionalism characterise our suppliers who use our services to promote themselves in Europe and worldwide.

Our mission is to provide our customers with their products at the best price and service: this is International Partners

HELICAL-HYPOID GEARBOXES

R0 series

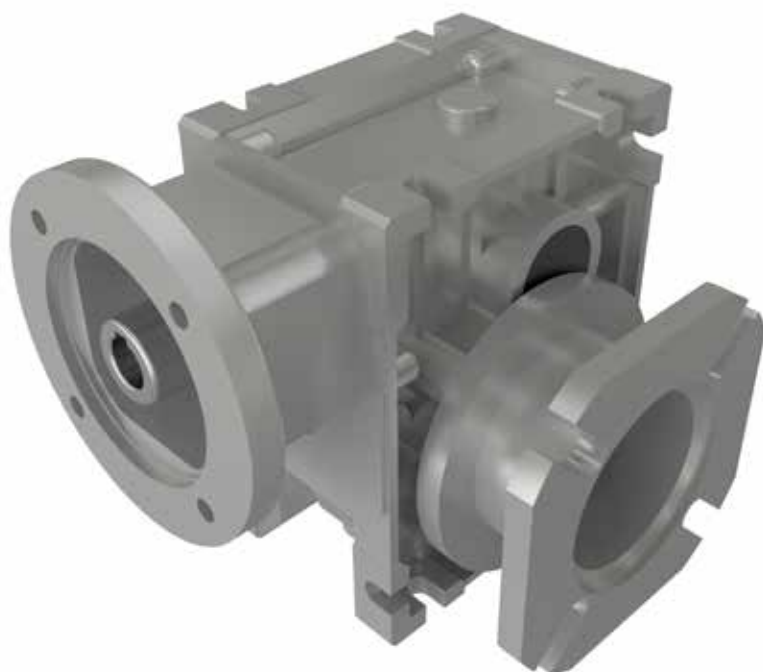
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HELICAL-HYPOID GEARBOXES

RO series



RO-...B



RO-...C

TYPE OF ASSEMBLY

RO-...B



BASIC GEARBOX



PAM
FLANGE



COUPLING

RO-...C



BASIC GEARBOX



PRE-STAGE



PAM
FLANGE



COUPLING

TECHNICAL DATA

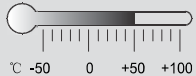
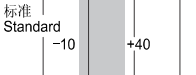
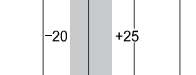
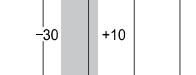
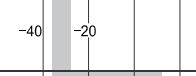
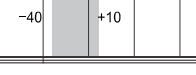
The RO...B and RO...C series are new generation hypoid-bevel gearboxes with high mechanical efficiency.

The main features are as follows: Constructed with hypoid bevel gears with high reduction ratios - High output torque, high efficiency and low power consumption - Constructed in high-quality die-cast aluminium housings - High durability, low noise and suitable for working in harsh environments - Excellent appearance and compact; Suitable for any installation and easy to use - The RO. fastening is identical to our RM. worm type. - Their modularity meets the demands of various applications.

Main materials: Die-cast aluminium housing - Gears made of hardened carbon 20 Cr Mn Ti H1 material with 56 / 62 HRC hardness depth 0.3 0.5 mm

Paintwork: Aluminium casing - Shot-blasting and special antiseptic treatment of aluminium surfaces - Phosphatising and sprayed with RAL 9022 silver.

TYPES OF LUBRICANTS

						tipi di lubrificante lubrication type
RO...B RO...C		VG 220	Shell Omala 220	Mobilgear 630	BP Energol GR-XP 220	Olio Minerale Mineral oil
		VG 150 VG 100	Shell Omala 100	Mobilgear 627	BP Energol GR-XP 100	
		VG 68-46 VG 32	Shell Tellus T 32	Mobil D.T.E. 13M		
		VG 22 VG 15	Shell Tellus T 15	Mobil D.T.E. 11M	BP Energol HLP-HM 15	
		VG 220	Shell Omala HD 220	Mobil SHC 630		Olio sintetico Synthetic oil
		VG 150		Mobil SHC 629		
		VG 32		Mobil SHC 624		

The specified amount of lubricant is recommended. The precise amount varies depending on the stages and gear ratio. When lubricating, you must reach the oil level displayed by the oil level indicator. The following table shows the quantity of lubricant in relation to the mounting positions (B3, B6, B7)

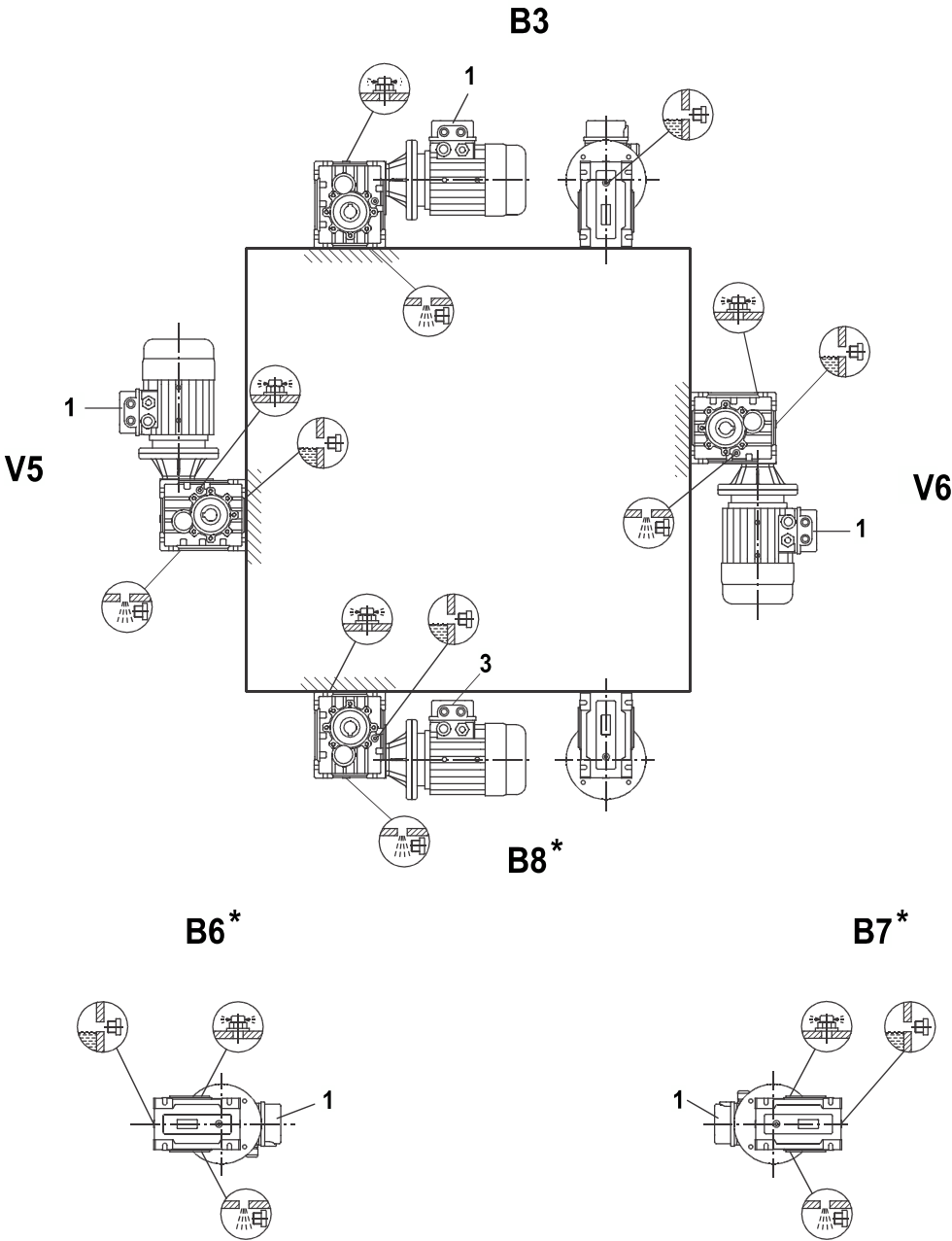
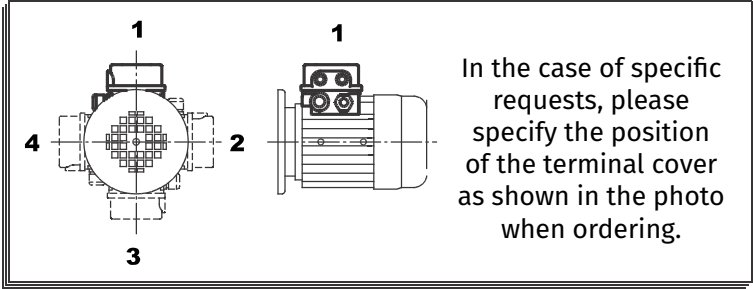
QUANTITY OF LUBRICANT IN LITRES ACCORDING TO MOUNTING POSITIONS

	B3	B6	B7	B8	V5	V6
RO 28B	0,22	0,20	0,13	0,15	0,25	0,14
RO 28C	0,07	0,04	0,04	0,05	0,08	0,09
RO 38B	0,42	0,35	0,24	0,22	0,46	0,25
RO 38C	0,07	0,04	0,04	0,05	0,08	0,09
RO 48B	0,70	0,58	0,42	0,42	0,75	0,45
RO 48C	0,13	0,09	0,09	0,09	0,15	0,17
RO 58B	1,21	0,95	0,72	0,67	1,30	0,74
RO 58C	0,13	0,09	0,09	0,09	0,15	0,17
RO68 B	2,15	1,70	1,10	1,25	2,20	1,20
RO 68C	0,25	0,17	0,17	0,20	0,32	0,36

TECHNICAL DATA

MOUNTING POSITIONS

Symbol	Meaning
	vent valve
	oil level
	oil drain plug



In this position, do not take the oil level indicator into account but, follow the instructions on the oil quantity indicated in the table on page 6.

RO 28 - 130 Nm

	i nominal	i current	M ₂ max [Nm]	n ₂ [r/min]	Fr ₂ [N]	63B5	71B5/B14	80B5/B14	90B5/B14
RO 28C	300	291,79	130	4,8	4100				
RO 28C	250	244,29	130	5,7	4100				
RO 28C	200	200,44	130	7,0	4100				
RO 28C	150	146,67	130	9,5	4000				
RO 28C	125	120,34	100	11,6	3770				
RO 28C	100	101,04	80	13,9	3560				
RO 28C	75	74,62	130	18,8	3220				
RO 28C	60	62,36	100	22	3030				
RO 28B	60	58,36	130	24	2960				
RO 28B	50	48,86	130	29	2790				
RO 28B	40	40,09	130	35	2610				
RO 28B	30	29,33	130	48	2350				
RO 28B	25	24,07	100	58	2200				
RO 28B	20	20,21	80	69	2080				
RO 28B	15	14,92	130	94	1880				
RO 28B	10	10,47	100	134	1670				
RO 28B	7,5	7,73	80	181	1510				

RO 38 - 200 Nm

	i nominal	i current	M ₂ max [Nm]	n ₂ [r/min]	Fr ₂ [N]	63B5	71B5/B14	80B5/B14	90B5/B14
RO 38C	300	302,50	200	4,6	4800				
RO 38C	250	243,57	200	5,7	4800				
RO 38C	200	196,43	180	7,1	4800				
RO 38C	150	151,56	200	9,2	4650				
RO 38C	125	122,22	180	11,5	4330				
RO 38C	100	101,27	150	13,8	4070				
RO 38C	75	73,33	110	19,1	3650				
RO 38B	60	60,50	200	23	3430				
RO 38B	50	48,71	200	29	3190				
RO 38B	40	39,29	180	36	2970				
RO 38B	30	30,31	200	46	2720				
RO 38B	25	24,44	180	57	2530				
RO 38B	20	20,25	150	69	2380				
RO 38B	15	14,67	110	95	2130				
RO 38B	10	10,50	150	133	1910				
RO 38B	7,5	7,60	110	184	1710				

RO 48 - 350 Nm

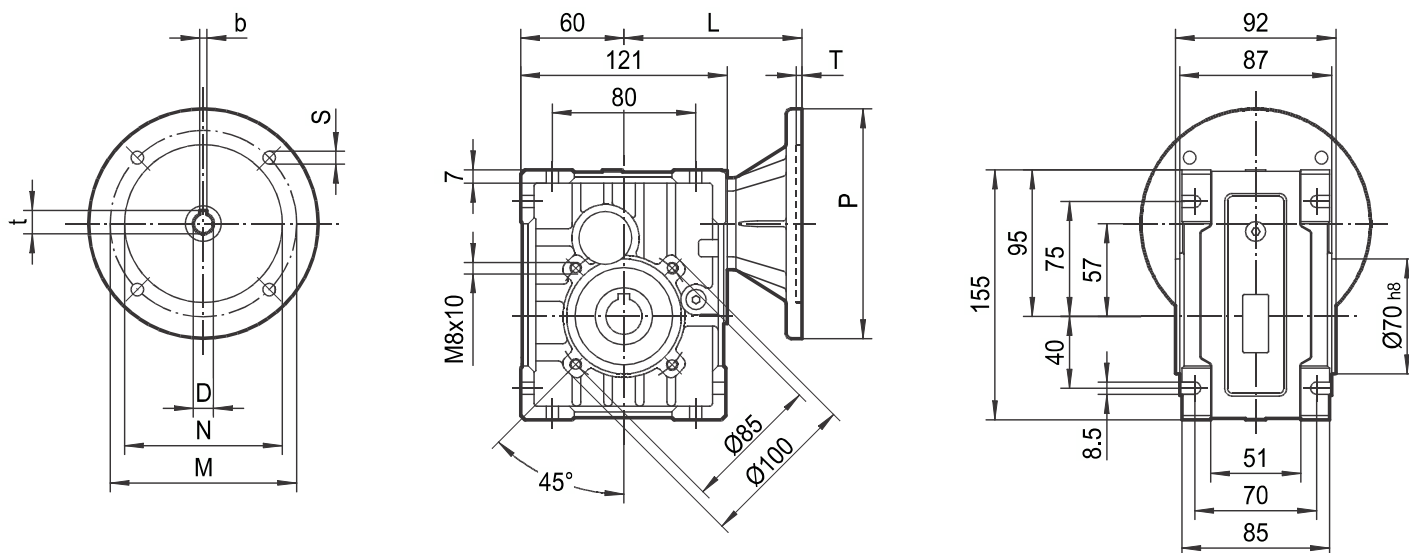
	i nominal	i current	M ₂ max [Nm]	n ₂ [r/min]	Fr ₂ [N]	63B5	71B5	80B5 B14	90B5 B14	100B5 100B14	112B5 112B14
RO 48C	300	297,21	350	4,7	6500						
RO 48C	250	240,89	350	5,8	6500						
RO 48C	200	200,66	300	7,0	6500						
RO 48C	150	151,20	350	9,3	6500						
RO 48C	125	125,95	300	11,1	5980						
RO 48C	100	99,22	240	14,1	5520						
RO 48C	75	75,45	200	18,6	5040						
RO 48B	60	59,44	350	24	4660						
RO 48B	50	48,18	350	29	4340						
RO 48B	40	40,13	300	35	4080						
RO 48B	30	30,24	350	46	3720						
RO 48B	25	25,19	300	56	3500						
RO 48B	20	19,84	240	71	3230						
RO 48B	15	15,09	200	93	2950						
RO 48B	10	9,84	240	142	2550						
RO 48B	7,5	7,48	200	187	2330						

RO 58 - 500 Nm

	i nominal	i current	M ₂ max [Nm]	n ₂ [r/min]	Fr ₂ [N]	63B5	71B5	80B5 B14	90B5 B14	100B5 100B14	112B5 112B14
RO 58C	300	295,18	500	4,7	8300						
RO 58C	250	340,89	500	5,8	8300						
RO 58C	200	200,66	480	7,0	8300						
RO 58C	150	151,20	500	9,3	8050						
RO 58C	125	125,95	480	11,1	7580						
RO 58C	100	99,22	380	14,1	7000						
RO 58C	75	75,45	300	18,6	6390						
RO 58B	60	59,04	500	24	5890						
RO 58B	50	48,18	500	29	5500						
RO 58B	40	40,13	480	35	5170						
RO 58B	30	30,24	500	46	4710						
RO 58B	25	25,19	480	56	4430						
RO 58B	20	19,84	380	71	4090						
RO 58B	15	15,09	300	93	3730						
RO 58B	10	9,84	380	142	3240						
RO 58B	7,5	7,48	300	187	2950						



GEARBOX FULL VERSION

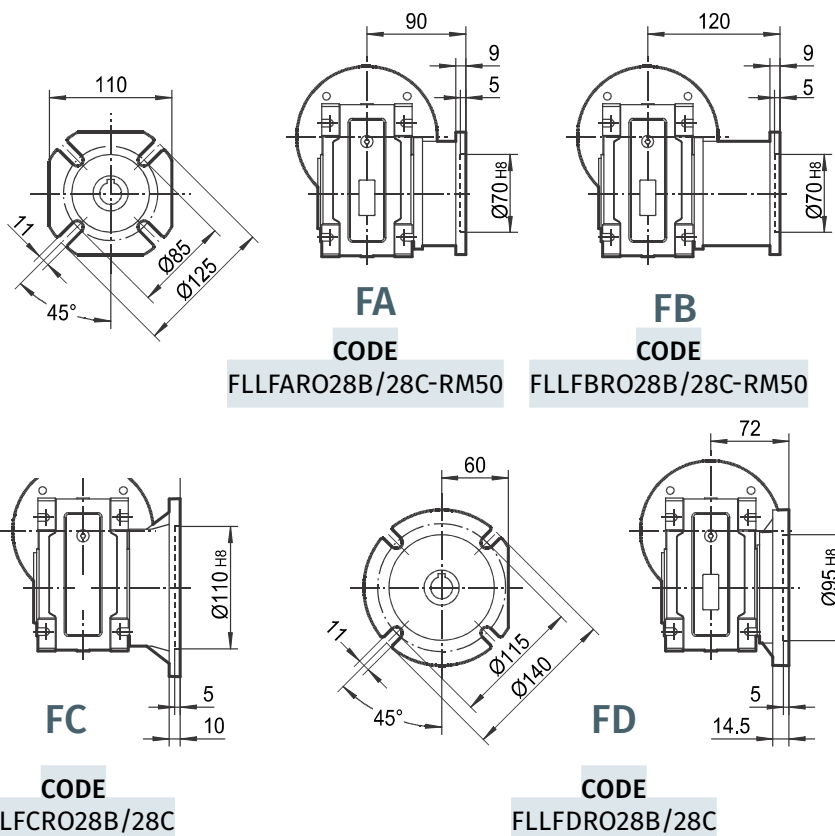


GEARBOX WEIGHT: Kg 4,5

TECHNICAL DATA

IEC	shaft D _{E8}	b	t	P	M	N	S	T	L
63B5	11	4	12,8	140	115	95	9	4	106
71B5	14	5	16,3	160	130	110	9	4	113
71B14	14	5	16,3	160	130	110	9	4	113
80B5	19	6	21,8	200	165	130	11	4	133
80B14	19	6	21,8	120	100	80	7	4	133
90B5	24	8	27,3	200	165	130	11	4	133
90B14	24	8	27,3	140	115	95	9	4	133

Side flanges





TO MAKE UP THE **FINAL VERSION GEARBOX**: ORDER
THE **BASIC GEARBOX CODE**, **PAM IEC FLANGES** WITH THE
APPROPRIATE CODE, **COUPLINGS** WITH THE APPROPRIATE CODE AND
FINALLY, IF REQUIRED, **SIDE FLANGES**.

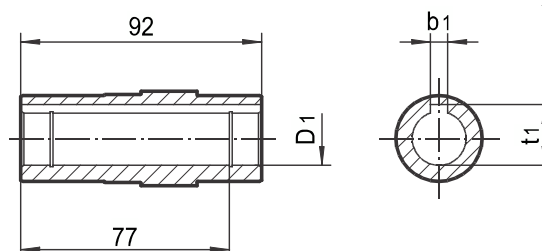
GEARBOX BASIC VERSION

code base	REDUCTION RATIOS	flanges
RO28B2560	60	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO28B2550	50	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO28B2540	40	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO28B2530	30	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO28B2525	25	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO28B2520	20	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO28B2515	15	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO28B2510	10	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO28B2575	7,5	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14

IEC Flanges

Couplings

Slow shaft



flange code	flange type	coupling code	diameter
FLPAM63B5RO28B11	63B5	GIRRO28-3863B511	11
FLPAM71B5RO28B14	71B5	GIRRO28-3871B514	14
FLPAM71B14RO28B14	71B14	GIRRO28-3871B514	14
FLPAM80B5RO28B19	80B5	GIRRO28-3871B1419	19
FLPAM80B14RO28B19	80B14	GIRRO28-3871B1419	19
FLPAM90B5RO28B24	90B5	GIRRO28-5890B524	24
FLPAM90B14RO28B24	90B14	GIRRO28-5890B524	24

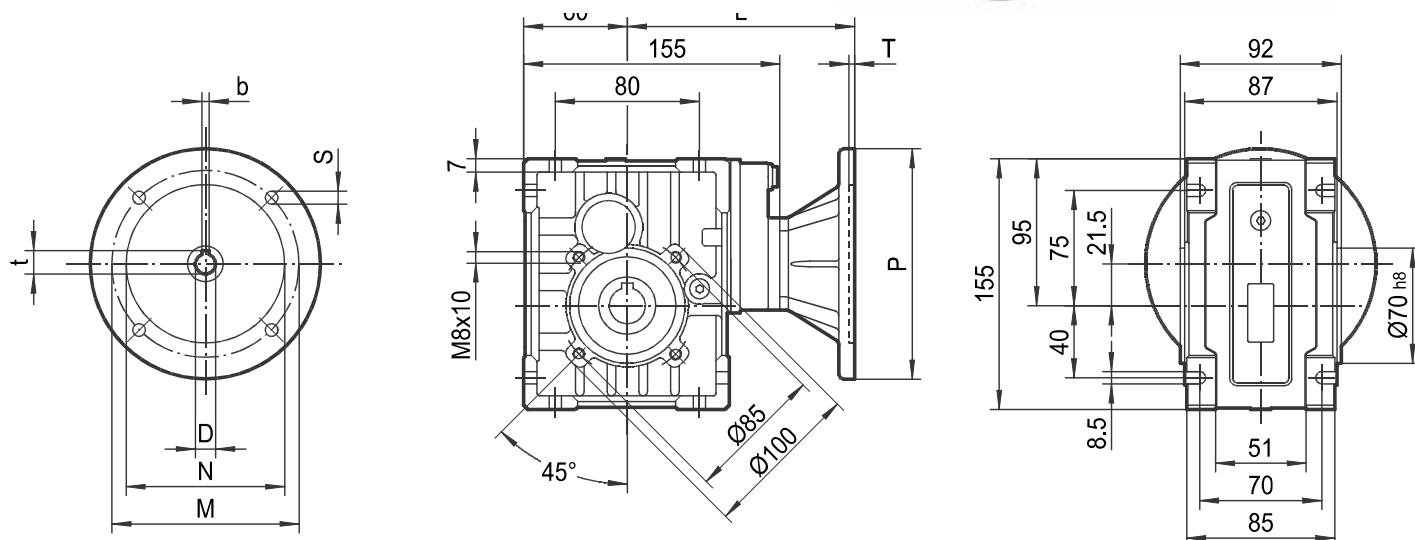
TECHNICAL DATA

D1 H8	b1	t1
25	8	28,3

CODE
ALSRO28



GEARBOX FULL VERSION

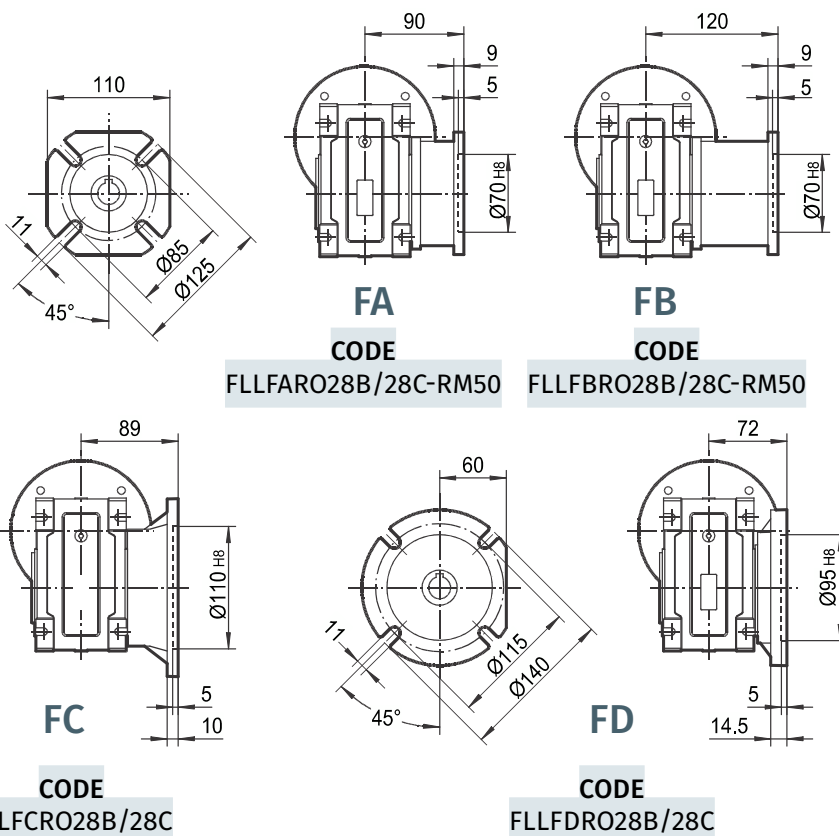


GEARBOX WEIGHT: Kg 5,0

TECHNICAL DATA

IEC	shaft D _{E8}	b	t	P	M	N	S	T	L
63B5	11	4	12,8	140	115	95	9	4	140
71B5	14	5	16,3	160	130	110	9	4	147
71B14	14	5	16,3	160	85	70	7	4	147

Side flanges



TO MAKE UP THE **FINAL VERSION GEARBOX**: ORDER
THE **BASE CODE OF THE GEARBOX**, THE **PRE-COUPLING** WITH THE
APPROPRIATE CODE, THE **PAM IEC FLANGES** WITH THE APPROPRIATE CODE,
THE **COUPLINGS** WITH THE APPROPRIATE CODE AND FINALLY, IF REQUIRED,
THE **SIDE FLANGES**.



GEARBOX BASIC VERSION

code base	REDUCTION RATIOS	flanges
RO28C25300	300	63B5
RO28C25250	250	63B5
RO28C25200	200	63B5
RO28C25150	150	63B5
RO28C25125	125	63B5 / 71B5 / 71B14
RO28C25100	100	63B5 / 71B5 / 71B14
RO28C2575	75	63B5 / 71B5 / 71B14



PRE-STAGE

CODE
PRECORO28C25

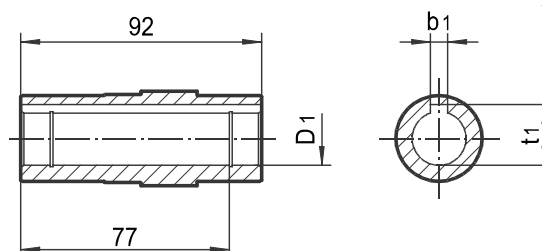
IEC Flanges

Couplings



flange code	flange type	coupling code	diameter
FLPAM63B5RO28C11	63B5	GIRRO28-3863B511	11
FLPAM71B5RO28C14	71B5	GIRRO28-3871B514	14
FLPAM71B14RO28C14	71B14	GIRRO28-3871B514	14

Slow shaft



TECHNICAL DATA

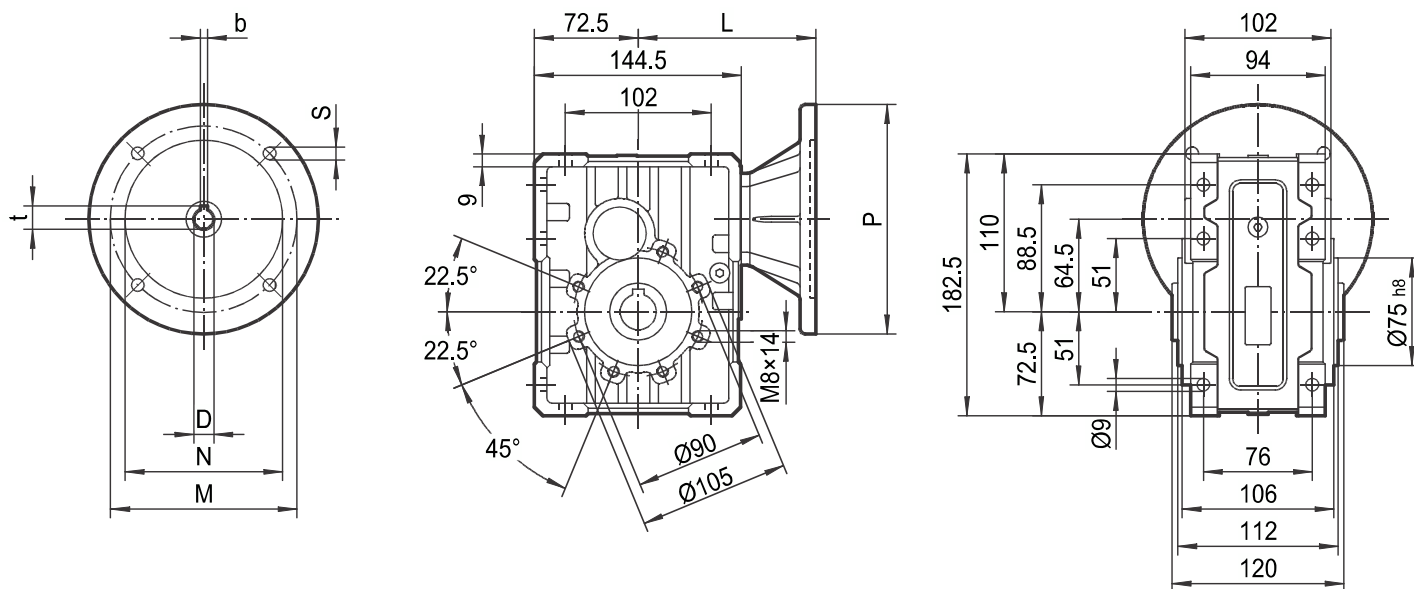
D1 H8	b1	t1
25	8	28,3

CODE
ALSRO28

RO38B



GEARBOX FULL VERSION

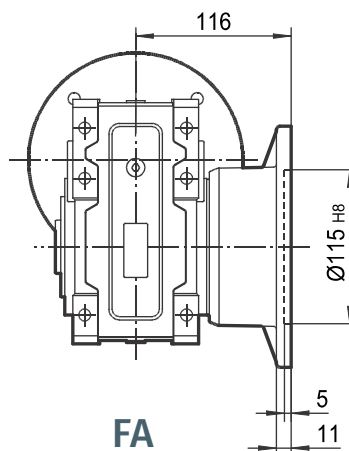
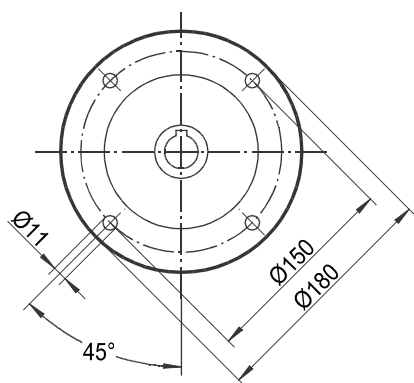


TECHNICAL DATA

IEC	shaft D _{E8}	b	t	P	M	N	S	T	L
63B5	11	4	12,8	140	115	95	9	4	117
71B5	14	5	16,3	160	130	110	9	4	124
71B14	14	5	16,3	160	130	110	9	4	124
80B5	19	6	21,8	200	165	130	11	4	144
80B14	19	6	21,8	120	100	80	7	4	144
90B5	24	8	27,3	200	165	130	11	4	144
90B14	24	8	27,3	140	115	95	9	4	144

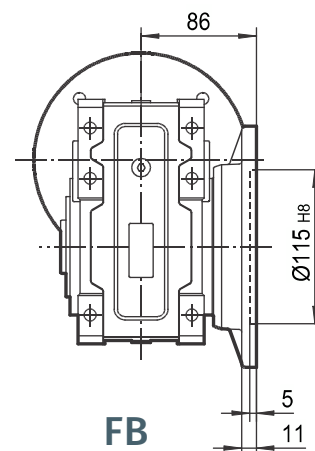
GEARBOX WEIGHT: Kg 6,0

Side flanges



FA

CODE
FLLFRO38B/38C



FB

CODE
FLLFBRO38B/38C



TO MAKE UP THE **FINAL VERSION GEARBOX**: ORDER
THE **BASIC GEARBOX CODE**, **PAM IEC FLANGES** WITH THE
APPROPRIATE CODE, **COUPLINGS** WITH THE APPROPRIATE CODE AND
FINALLY, IF REQUIRED, **SIDE FLANGES**.

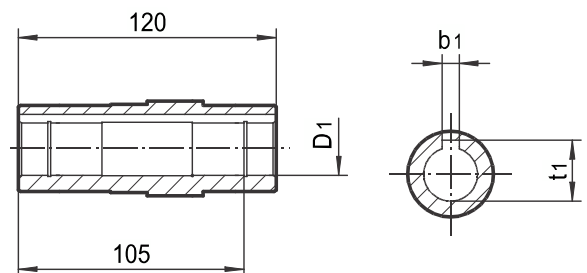
GEARBOX BASIC VERSION

code base	REDUCTION RATIOS	flanges
RO38B2560	60	63B5 / 71B5 / 71B14 / 80B5 / 80B14
RO38B2550	50	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO38B2540	40	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO38B2530	30	63B5 / 71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO38B2525	25	71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO38B2520	20	71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO38B2515	15	71B5 / 71B14 / 80B5 / 80B14 / 90B5 / 90B14
RO38B2510	10	80B5 / 80B14 / 90B5 / 90B14
RO38B2575	7,5	80B5 / 80B14 / 90B5 / 90B14

IEC Flanges

Couplings

Slow shaft



flange code	flange type	coupling code	diameter
FLPAM63B5RO38B11	63B5	GIRRO28-3863B511	11
FLPAM71B5RO38B14	71B5	GIRRO28-3871B514	14
FLPAM71B14RO38B14	71B14	GIRRO28-3871B514	14
FLPAM80B5RO38B19	80B5	GIRRO28-3871B1419	19
FLPAM80B14RO38B19	80B14	GIRRO28-3871B1419	19
FLPAM90B5RO38B24	90B5	GIRRO28-3880B524	24
FLPAM90B14RO38B24	90B14	GIRRO28-3880B524	24

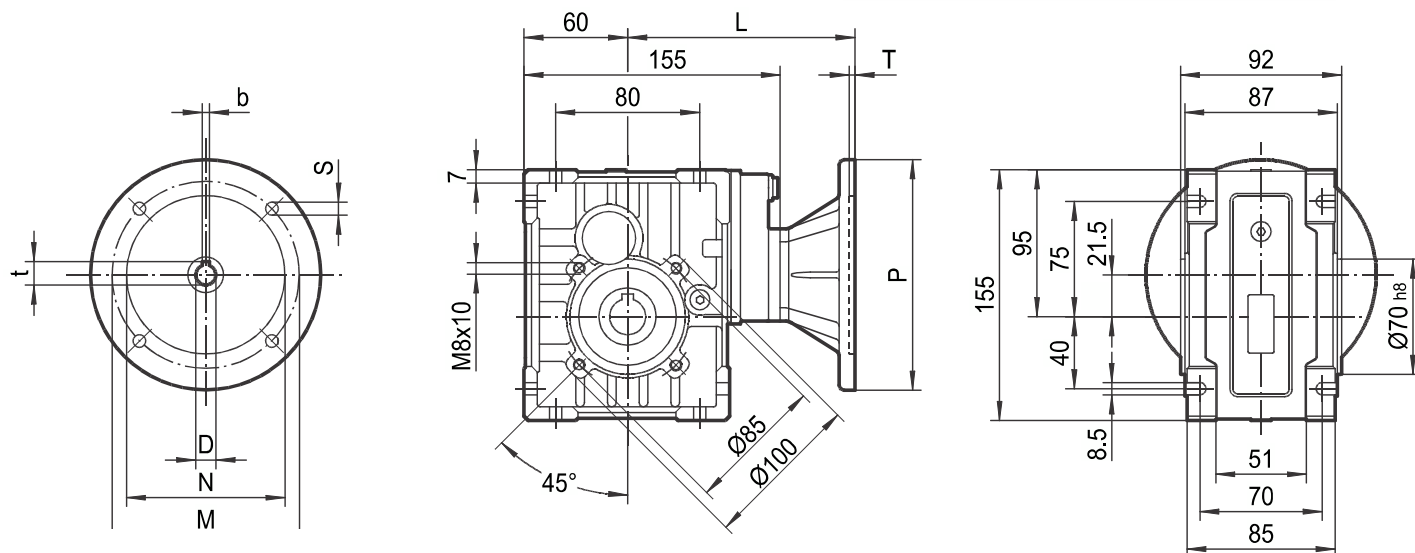
TECHNICAL DATA

D1 H8	b1	t1
25	8	28,3

CODE
ALSRO38RDB63



GEARBOX FULL VERSION

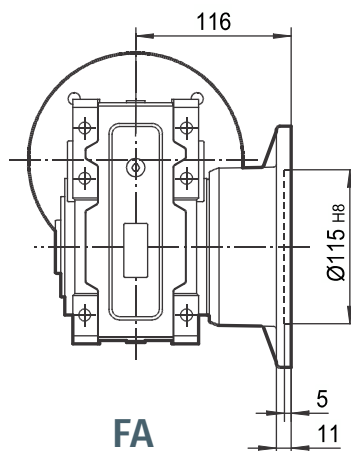
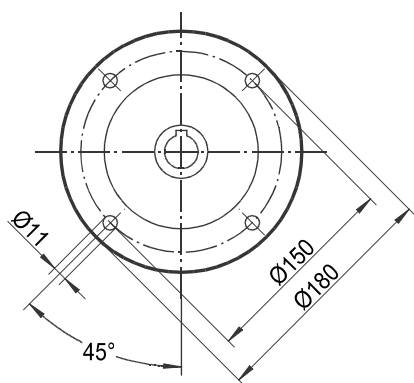


GEARBOX WEIGHT: Kg 6,8

TECHNICAL DATA

IEC	shaft D _{E8}	b	t	P	M	N	S	T	L
63B5	11	4	12,8	140	115	95	9	4	151
71B5	14	5	16,3	160	130	110	9	4	158
71B14	14	5	16,3	105	85	70	7	4	158
80B5	19	6	21,8	200	165	130	11	4	178
80B14	19	6	21,8	120	100	80	7	4	178

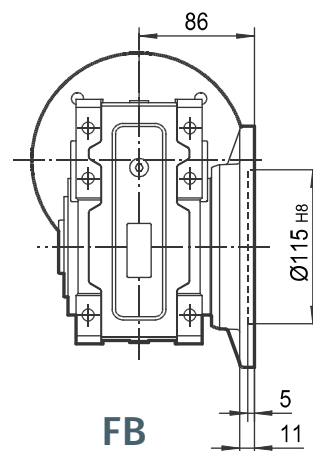
Side flanges



FA

CODE

FLLFRO38B/38C



FB

CODE

FLLFBRO38B/38C

TO MAKE UP THE **FINAL VERSION GEARBOX**: ORDER
THE **BASE CODE OF THE GEARBOX**, THE **PRE-COUPLING** WITH THE
APPROPRIATE CODE, THE **PAM IEC FLANGES** WITH THE APPROPRIATE CODE,
THE **COUPLINGS** WITH THE APPROPRIATE CODE AND FINALLY, IF REQUIRED,
THE **SIDE FLANGES**.



GEARBOX BASIC VERSION

code base	REDUCTION RATIOS	flanges
RO38C25300	300	63B5
RO38C25250	250	63B5
RO38C25200	200	63B5
RO38C25150	150	63B5
RO38C25125	125	63B5 / 71B5 / 71B14
RO38C25100	100	63B5 / 71B5 / 71B14
RO38C2575	75	63B5 / 71B5 / 71B14



PRE-STAGE

CODE
PRECORO38C25

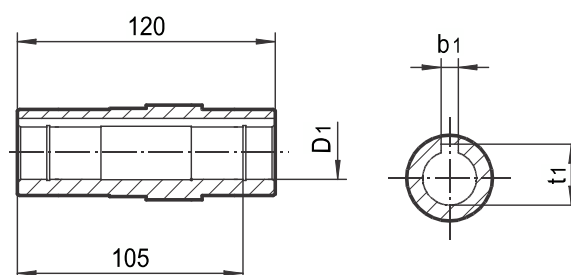
IEC Flanges

Couplings



flange code	flange type	coupling code	diameter
FLPAM63B5RO38C11	63B5	GIRRO28-3863B511	11
FLPAM71B5RO38C14	71B5	GIRRO28-3871B514	14
FLPAM71B14RO38C14	71B14	GIRRO28-3871B514	14
FLPAM80B5RO38C19	80B5	GIRRO28-3871B1419	19
FLPAM80B14RO38C19	80B14	GIRRO28-3871B1419	19

Slow shaft



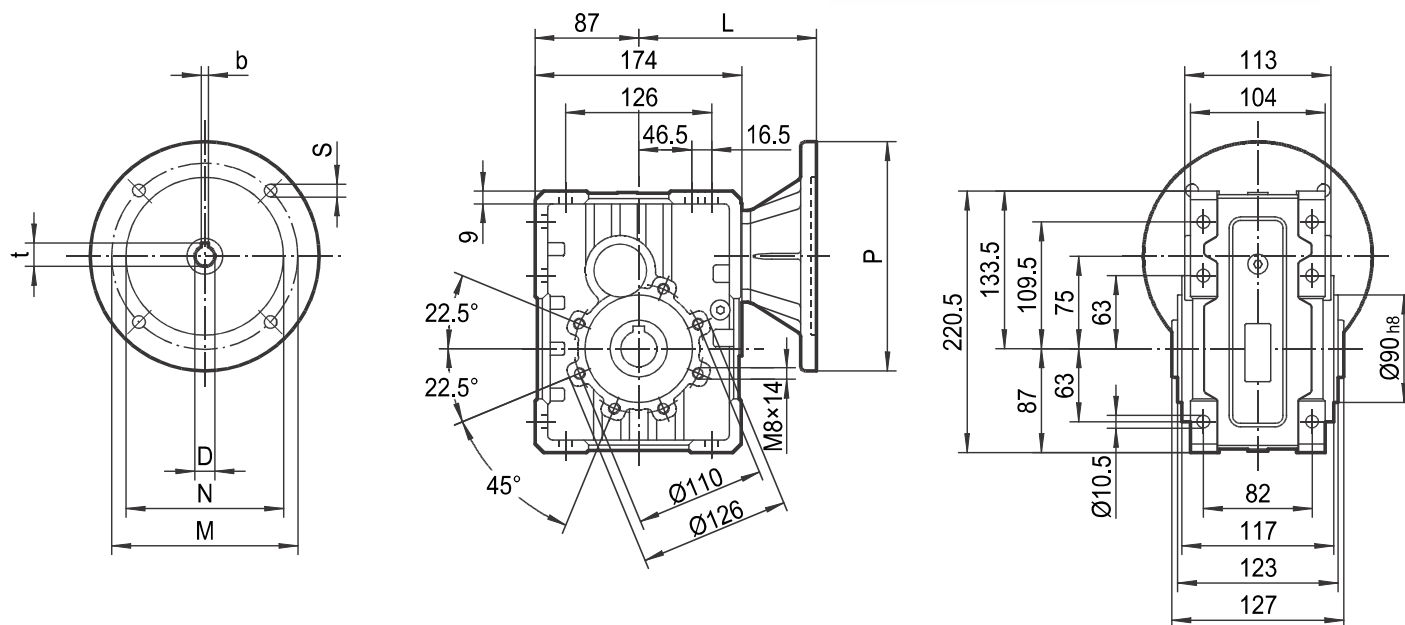
TECHNICAL DATA

D1 H8	b1	t1
25	8	28,3

CODE
ALSRO38RDB63



GEARBOX FULL VERSION

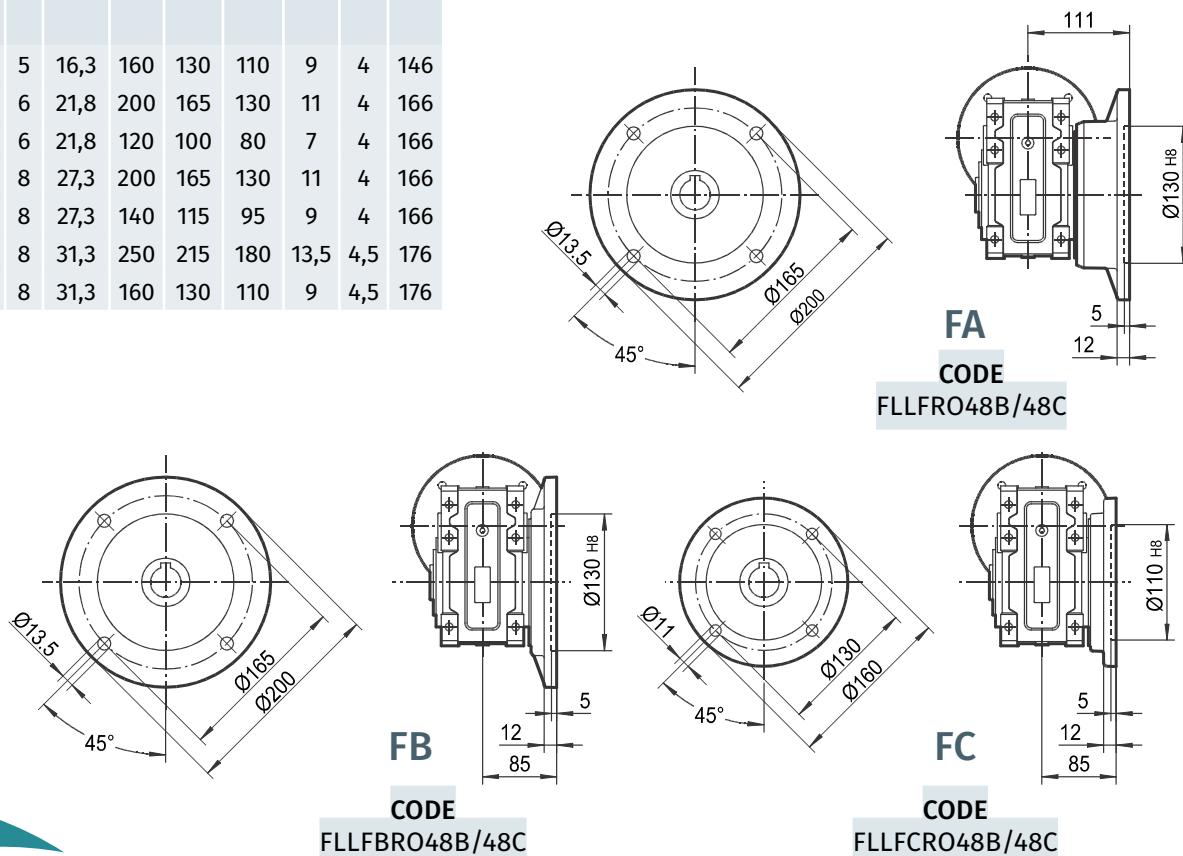


GEARBOX WEIGHT: Kg 9,5

TECHNICAL DATA

IEC	shaft D _{E8}	F	G	P	M	N	S	T	L
71B5	14	5	16,3	160	130	110	9	4	146
80B5	19	6	21,8	200	165	130	11	4	166
80B14	19	6	21,8	120	100	80	7	4	166
90B5	24	8	27,3	200	165	130	11	4	166
90B14	24	8	27,3	140	115	95	9	4	166
100/112B5	28	8	31,3	250	215	180	13,5	4,5	176
100/112B14	28	8	31,3	160	130	110	9	4,5	176

Side flanges





GEARBOX BASIC VERSION

TO MAKE UP THE **FINAL VERSION GEARBOX**: ORDER
THE **BASIC GEARBOX CODE**, **PAM IEC FLANGES** WITH THE
APPROPRIATE CODE, **COUPLINGS** WITH THE APPROPRIATE CODE AND
FINALLY, IF REQUIRED, **SIDE FLANGES**.

code base	+ REDUCTION RATIOS	flange IEC
RO48B3060	60	71B5 / 80B5 / 80B14 / 90B5 / 90B14
RO48B3050	50	71B5 / 80B5 / 80B14 / 90B5 / 90B14
RO48B3040	40	71B5 / 80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14
RO48B3030	30	80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14
RO48B3025	25	80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14
RO48B3020	20	80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14
RO48B3015	15	80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14
RO48B3010	10	90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14
RO48B3075	7,5	90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14

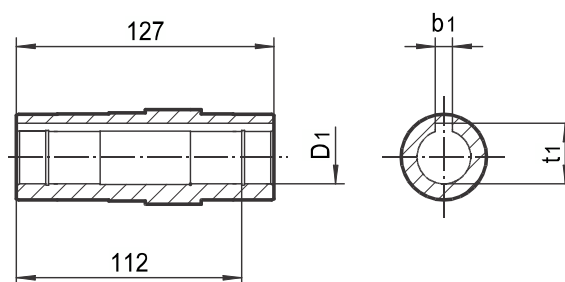
IEC Flanges



Couplings



Slow shaft



flange code	flange type	coupling code	diame- ter
FLPAM71B5RO48B14	71B5	GIRRO28-3871B514	14
FLPAM80B5RO48B19	80B5	GIRRO28-3871B1419	19
FLPAM80B14RO48B19	80B14	GIRRO28-3871B1419	19
FLPAM90B5RO48B24	90B5	GIRRO28-3880B524	24
FLPAM90B14RO48B24	90B14	GIRRO28-3880B524	24
FLPAM100/112B5RO48B28	100/112B5	GIRRO48-58100-112B528	28
FLPAM100/112B14RO48B28	100/112B14	GIRRO48-58100-112B528	28

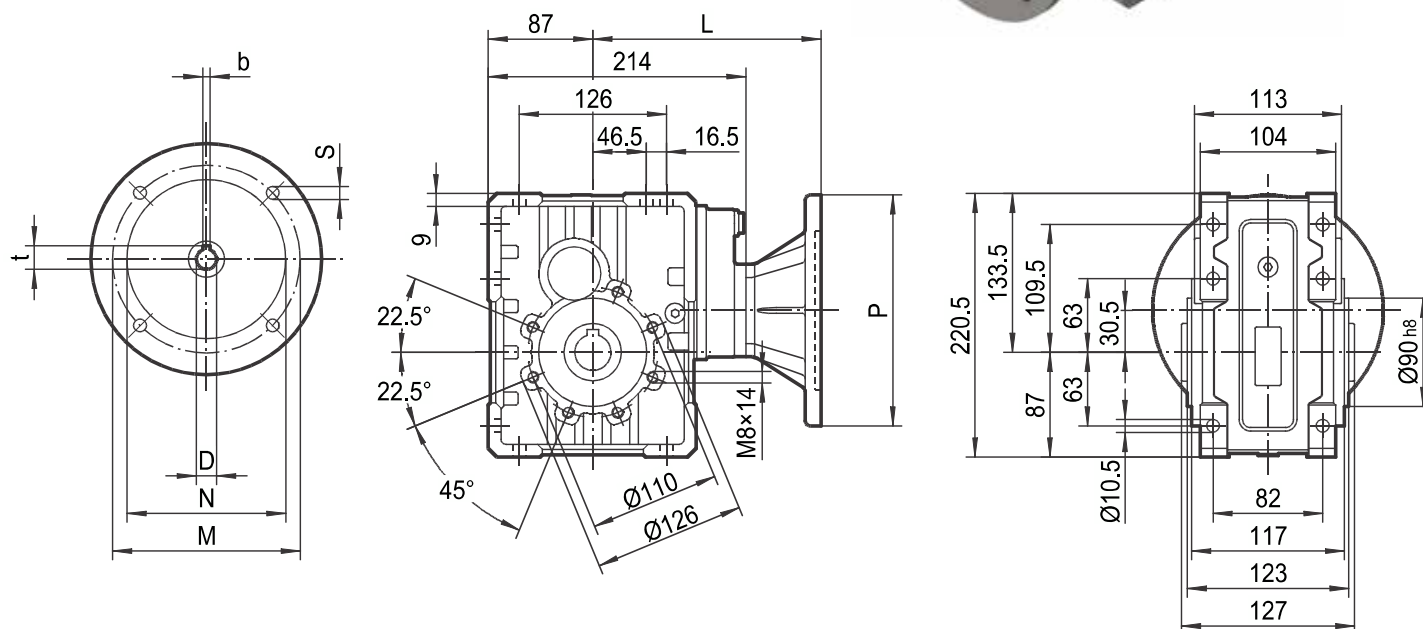
TECHNICAL DATA

D1 H8	b1	t1
30	8	33,3

CODE
ALSRO48RDB75



GEARBOX FULL VERSION

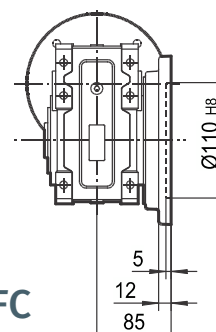
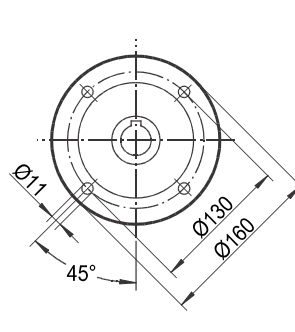
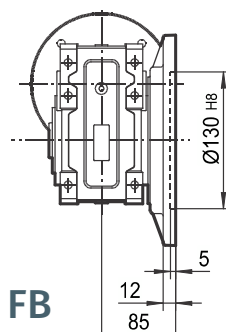
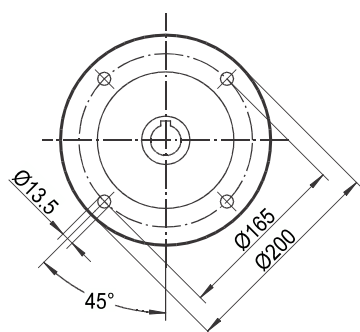
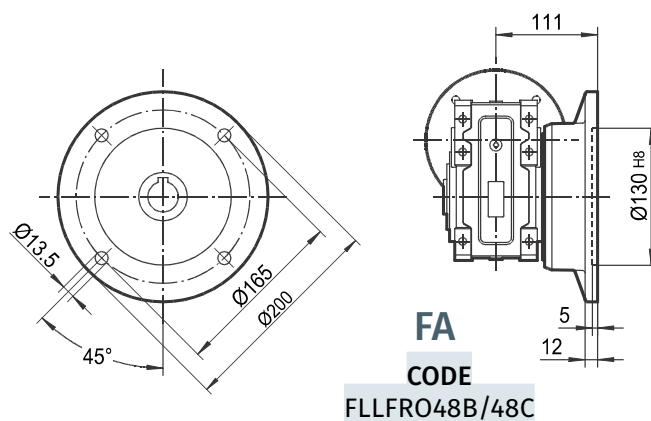


TECHNICAL DATA

GEARBOX WEIGHT: Kg 9,5

IEC	shaft D _{E8}	F	G	P	M	N	S	T	L
63B5	11	4	12,8	140	115	95	9	4	179
71B5	14	5	16,3	160	130	110	9	4	186
80B5	19	6	21,8	200	165	130	11	4	206
80B14	19	6	21,8	120	100	80	7	4	206
90B5	24	8	27,3	200	165	130	11	4	206
90B14	24	8	27,3	140	115	95	9	4	206

Side flanges



TO MAKE UP THE **FINAL VERSION GEARBOX**: ORDER
THE **BASE CODE OF THE GEARBOX**, THE **PRE-COUPLING** WITH THE
APPROPRIATE CODE, THE **PAM IEC FLANGES** WITH THE APPROPRIATE CODE,
THE **COUPLINGS** WITH THE APPROPRIATE CODE AND FINALLY, IF REQUIRED,
THE **SIDE FLANGES**.



GEARBOX BASIC VERSION



PRE-STAGE

CODE
PRECO48C58C25

code base	+ REDUCTION RATIOS	flange IEC
RO48C30300	300	63B5 / 71B5
RO48C30250	250	63B5 / 71B5
RO48C30200	200	63B5 / 71B5
RO48C30150	150	63B5 / 71B5 / 80B5 / 80B14
RO48C30125	125	63B5 / 71B5 / 80B5 / 80B1
RO48C30100	100	63B5 / 71B5 / 80B5 / 80B1
RO48C3075	75	63B5 / 71B5 / 80B5 / 80B1

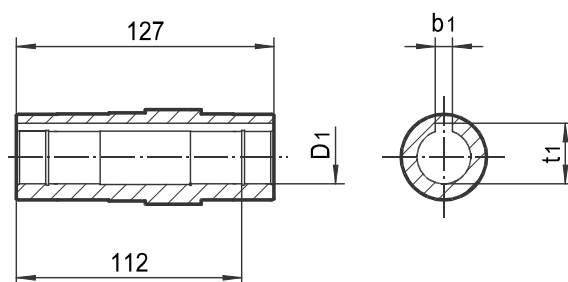
IEC Flanges

Couplings



flange code	flange type	coupling code	dia- meter
FLPAM63B5RO48C11	63B5	GIRRO28-3863B511	11
FLPAM71B5RO48C14	71B5	GIRRO28-3871B514	14
FLPAM80B5RO48C19	80B5	GIRRO28-3871B1419	19
FLPAM80B14RO48C19	80B14	GIRRO28-3871B1419	19
FLPAM90B5RO48C24	90B5	GIRRO48-5890B524	24
FLPAM90B14RO48C24	90B14	GIRRO48-5890B524	24

Slow shaft



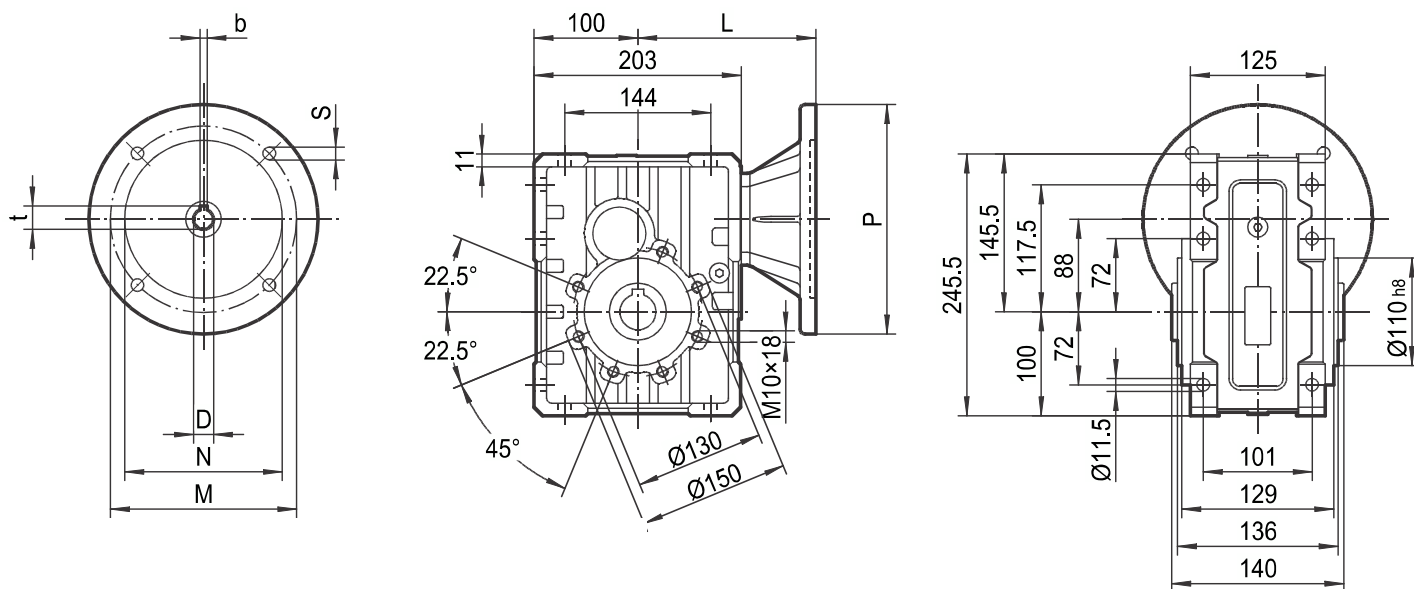
TECHNICAL DATA

D1 H8	b1	t1
30	8	33,3

CODE
ALSRO48RDB75



GEARBOX FULL VERSION

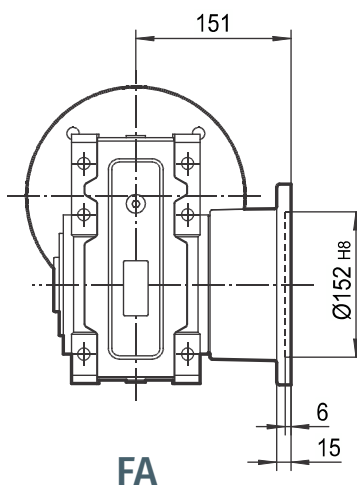
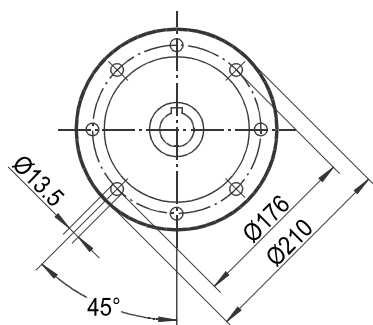


TECHNICAL DATA

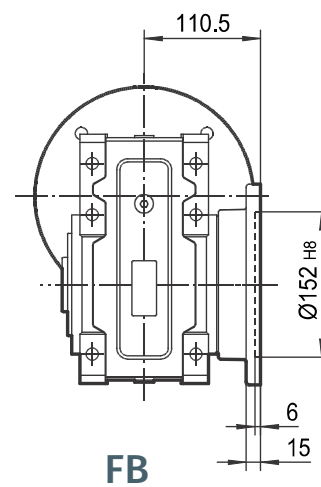
IEC	shaft D _{E8}	F	G	P	M	N	S	T	L
71B5	14	5	16,3	160	130	110	9	4	162
80B5	19	6	21,8	200	165	130	11	4	182
80B14	19	6	21,8	120	100	80	7	4	182
90B5	24	8	27,3	200	165	130	11	4	182
90B14	24	8	27,3	140	115	95	9	4	182
100/112B5	28	8	31,3	250	215	180	13,5	4,5	192
100/112B14	28	8	31,3	160	130	110	9	4,5	192

GEARBOX WEIGHT: Kg 13,5

Side flanges



CODE
FLLFRO58B/58C



CODE
FLLFBR058B/58C



GEARBOX BASIC VERSION

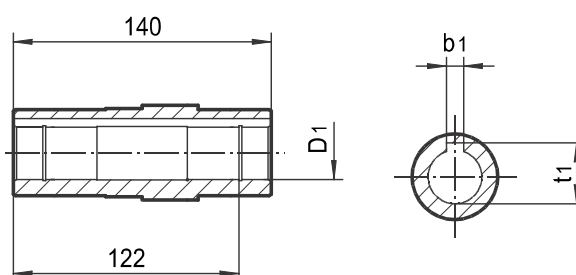
TO MAKE UP THE **FINAL VERSION GEARBOX**: ORDER
THE **BASIC GEARBOX CODE**, **PAM IEC FLANGES** WITH THE
APPROPRIATE CODE, **COUPLINGS** WITH THE APPROPRIATE CODE AND
FINALLY, IF REQUIRED, **SIDE FLANGES**.

code base	+ REDUCTION RATIOS	flange IEC
RO58B3560	60	71B5 / 80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14
RO58B3550	50	71B5 / 80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14
RO58B3540	40	80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14
RO58B3530	30	80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14
RO58B3525	25	80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14
RO58B3520	20	80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14
RO58B3515	15	80B5 / 80B14 / 90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14
RO58B3510	10	90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14
RO58B3575	7,5	90B5 / 90B14 / 100B5 / 100B14 / 112B5 / 112B14

IEC Flanges

Couplings

Slow shaft



flange code	flange type	coupling code	dia- meter
FLPAM71B5RO58B14	71B5	GIRRO28-3871B514	14
FLPAM80B5RO58B19	80B5	GIRRO28-3871B1419	19
FLPAM80B14RO58B19	80B14	GIRRO28-3871B1419	19
FLPAM90B5RO58B24	90B5	GIRRO28-3880B524	24
FLPAM90B14RO58B24	90B14	GIRRO28-3880B524	24
FLPAM100/112B5RO58B28	100/112B5	GIRRO48-58100-112B528	28
FLPAM100/112B14RO58B28	100/112B14	GIRRO48-58100-112B528	28

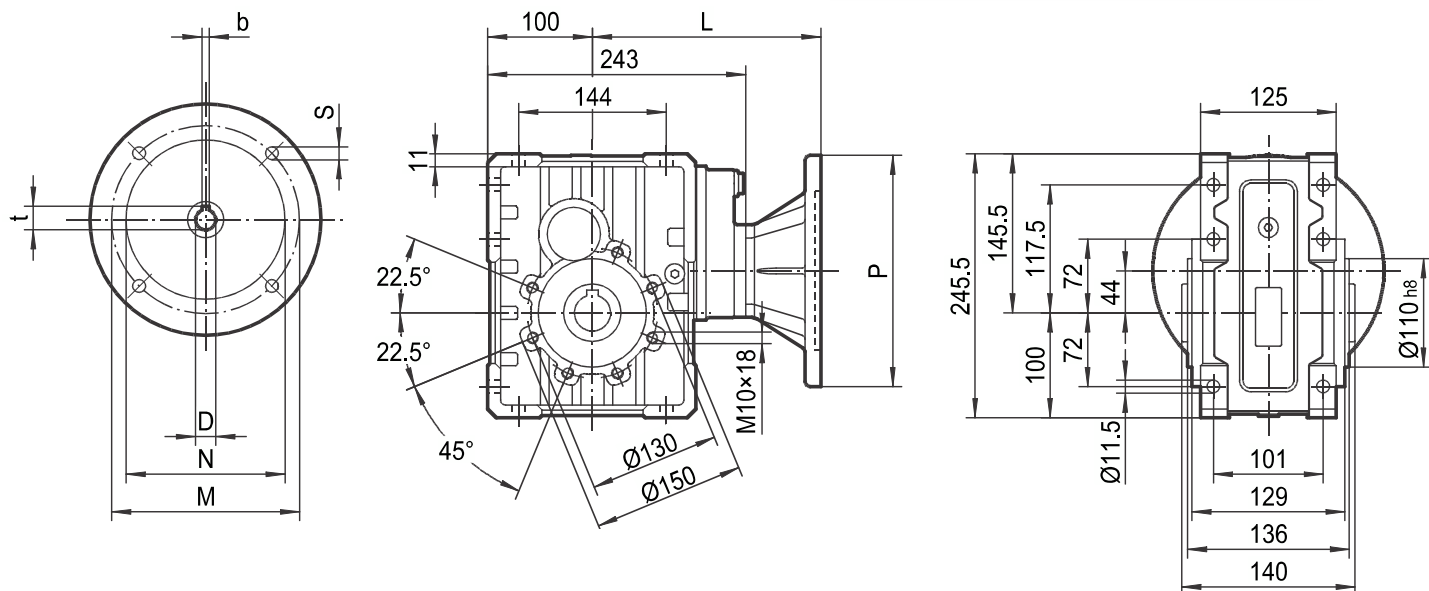
TECHNICAL DATA

D1 H8	b1	t1
35	10	38,3

CODE
ALSR058RDB86



GEARBOX FULL VERSION

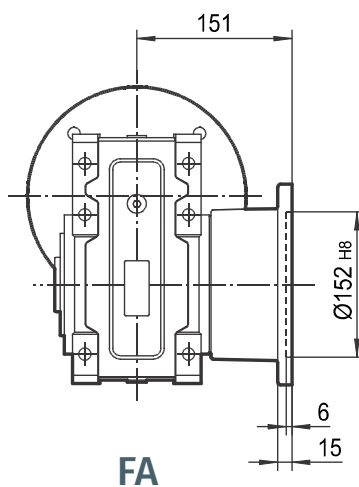
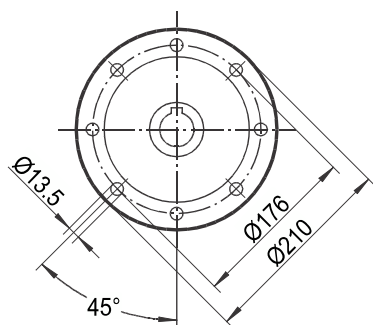


TECHNICAL DATA

IEC	shaft D _{E8}	F	G	P	M	N	S	T	L
63B5	11	4	12,8	140	115	95	9	4	195
71B5	14	5	16,3	160	130	110	9	4	202
80B5	19	6	21,8	200	165	130	11	4	222
80B14	19	6	21,8	120	100	80	7	4	222
90B5	24	8	27,3	200	165	130	11	4	222
90B14	24	8	27,3	140	115	95	9	4	222

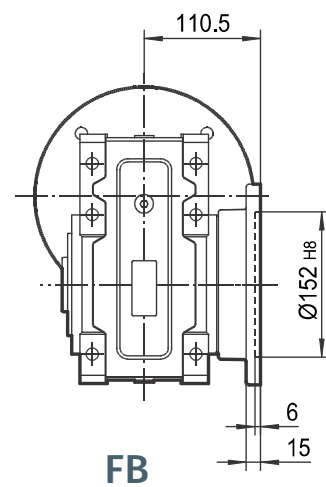
GEARBOX WEIGHT: Kg 14,8

Side flanges



FA

CODE
FLLFR058B/58C



FB

CODE
FLLFBRO58B/58C

TO MAKE UP THE **FINAL VERSION GEARBOX**: ORDER
THE **BASE CODE OF THE GEARBOX**, THE **PRE-COUPLING** WITH THE
APPROPRIATE CODE, THE **PAM IEC FLANGES** WITH THE APPROPRIATE CODE,
THE **COUPLINGS** WITH THE APPROPRIATE CODE AND FINALLY, IF REQUIRED,
THE **SIDE FLANGES**.



GEARBOX BASIC VERSION



PRE-STAGE

CODE
PRECO48C58C25

code base	+ REDUCTION RATIOS	flange IEC
RO58C35300	300	63B5 / 71B5
RO58C35250	250	63B5 / 71B5 / 80B5 / 80B14
RO58C35200	200	63B5 / 71B5 / 80B5 / 80B14
RO58C35150	150	63B5 / 71B5 / 80B5 / 80B14
RO58C35125	125	63B5 / 71B5 / 80B5 / 80B14
RO58C35100	100	63B5 / 71B5 / 80B5 / 80B14
RO58C3575	75	63B5 / 71B5 / 80B5 / 80B14

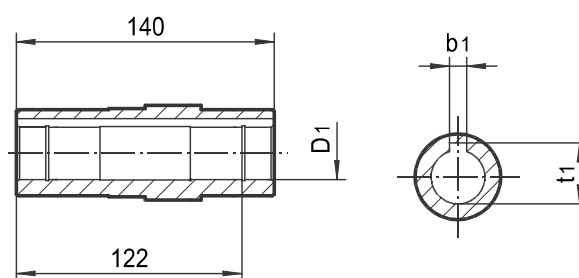
IEC Flanges

Couplings



flange code	flange type	coupling code	dia- meter
FLPAM63B5RO58C11	63B5	GIRRO28-3863B511	11
FLPAM71B5RO58C14	71B5	GIRRO28-3871B514	14
FLPAM80B5RO58C19	80B5	GIRRO28-3871B1419	19
FLPAM80B14RO58C19	80B14	GIRRO28-3871B1419	19
FLPAM90B5RO58C24	90B5	GIRRO48-5890B524	24
FLPAM90B14RO58C24	90B14	GIRRO48-5890B524	24

Slow shaft



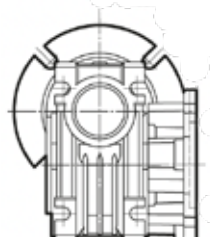
TECHNICAL DATA

D1 H8	b1	t1
35	10	38,3

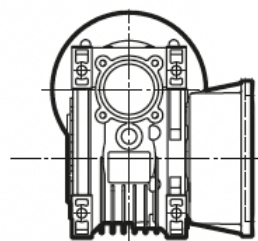
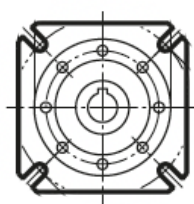
CODE
ALSRO58RDB86

SIDE FLANGES

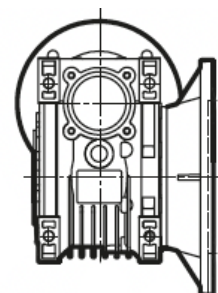
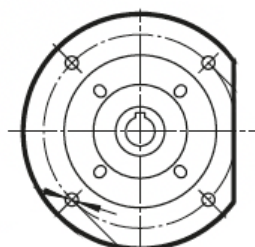
SIDE FLANGE FA



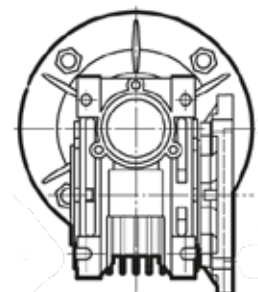
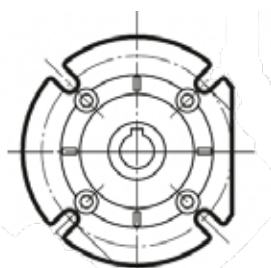
SIDE FLANGE FB



SIDE FLANGE FC

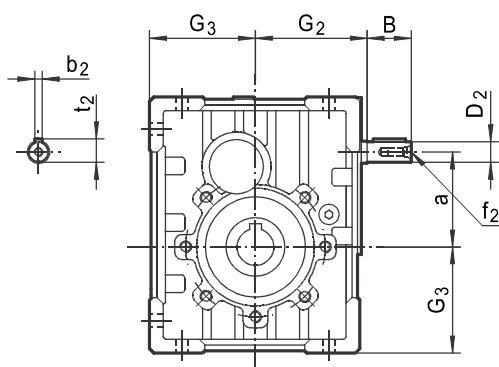


SIDE FLANGE FD

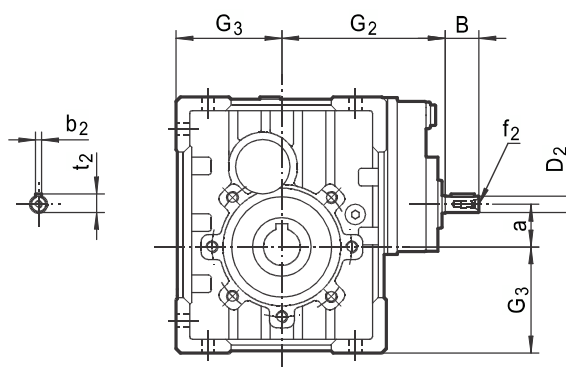


DIMENSION

RO..B..HS

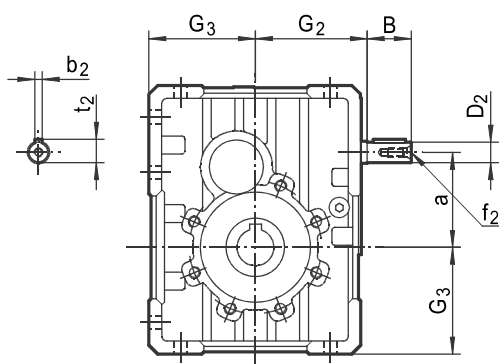


RO..C..HS

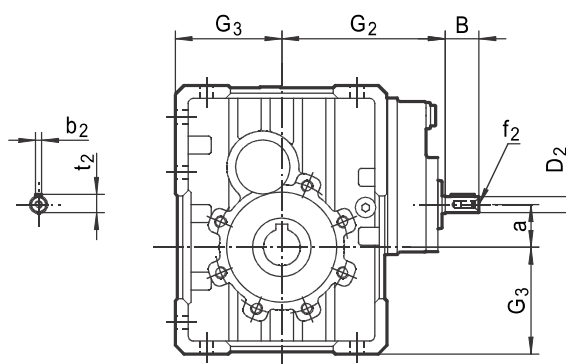


	B	D ₂ j6	G ₂	G ₃	a	b ₂	f ₂	t ₂
RO28B HS	23	11	65	60	57	4	-	12.5
RO28C HS	23	11	100	60	21.5	4	-	12.5

RO..B..HS



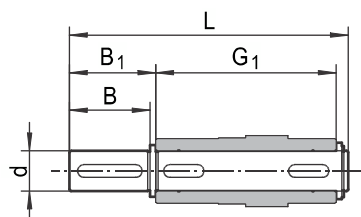
RO..C..HS



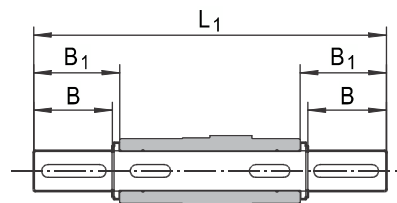
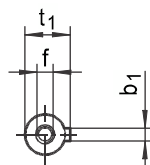
	B	D ₂ j6	G ₂	G ₃	a	b ₂	f ₂	t ₂
RO38B HS	30	14	76	72.5	64.5	5	M6	16
RO38C HS	23	11	111	72.5	29	4	-	12.5
RO48B HS	40	16	91	87	74.5	5	M6	18
RO48C HS	30	14	132	87	30.5	5	M6	16
RO58B HS	40	19	107	100	88	6	M6	21.5
RO58C HS	30	14	148	100	44	5	M6	16

ACCESSORY DIMENSIONS

OUTPUT SHAFT



SS

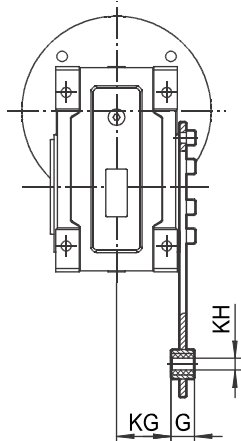
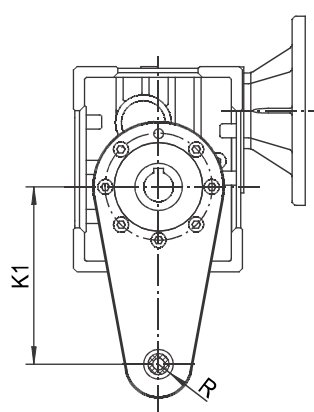


DS

	d _{h6}	B	B ₁	G ₁	L	L ₁	f	b ₁	t ₁
RO28B/C	25	50	53.5	92	153	199	M10x22	8	28

RO38B/C	25	60	65	120	192	246.4	M8x19	8	28
RO48B/C	28	60	65	127	199	255	M8x20	8	31
RO48B/C	30	60	65	127	199	255	M10x22	8	33
RO58B/C	35	60	65	140	214	268	M12x22	10	38

REACTION ARM



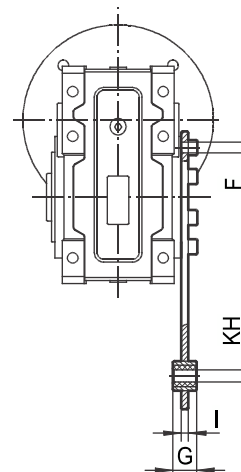
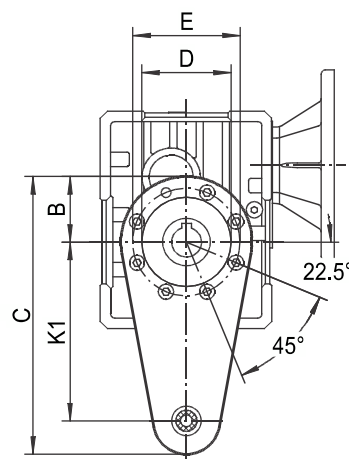
	K1	G	KG	KH	R
RO28B/C	100	14	38.5	10	18

8.2.2

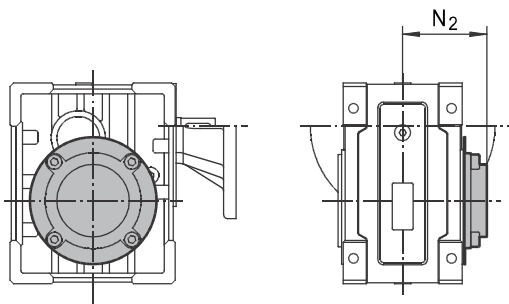
RO...

Torque Arm

	K1	B	C	D	E	F	G	kH	I
RO38B/C	150	55	233	75	90	9	20	10	6
RO48B/C	200	60	300	90	110	9	25	20	6
RO58B/C	200	80	318	110	130	11	25	20	6



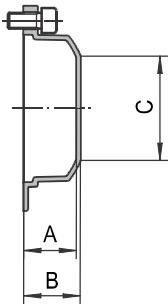
COVER



	N2
R028B/C	63

8.3.2 RO... / Cover

	A	B	C
R038B/C	26.5	29	Φ35
R048B/C	24.5	27	Φ54
R058B/C	26.5	29	Φ71



MOUNTING POSITIONS

OUTLET FLANGE

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

Without specific indication, the gearbox will be supplied with the output flange position F1 reference position B3.

OUTPUT SHAFT POSITIONS

SS1	SS2

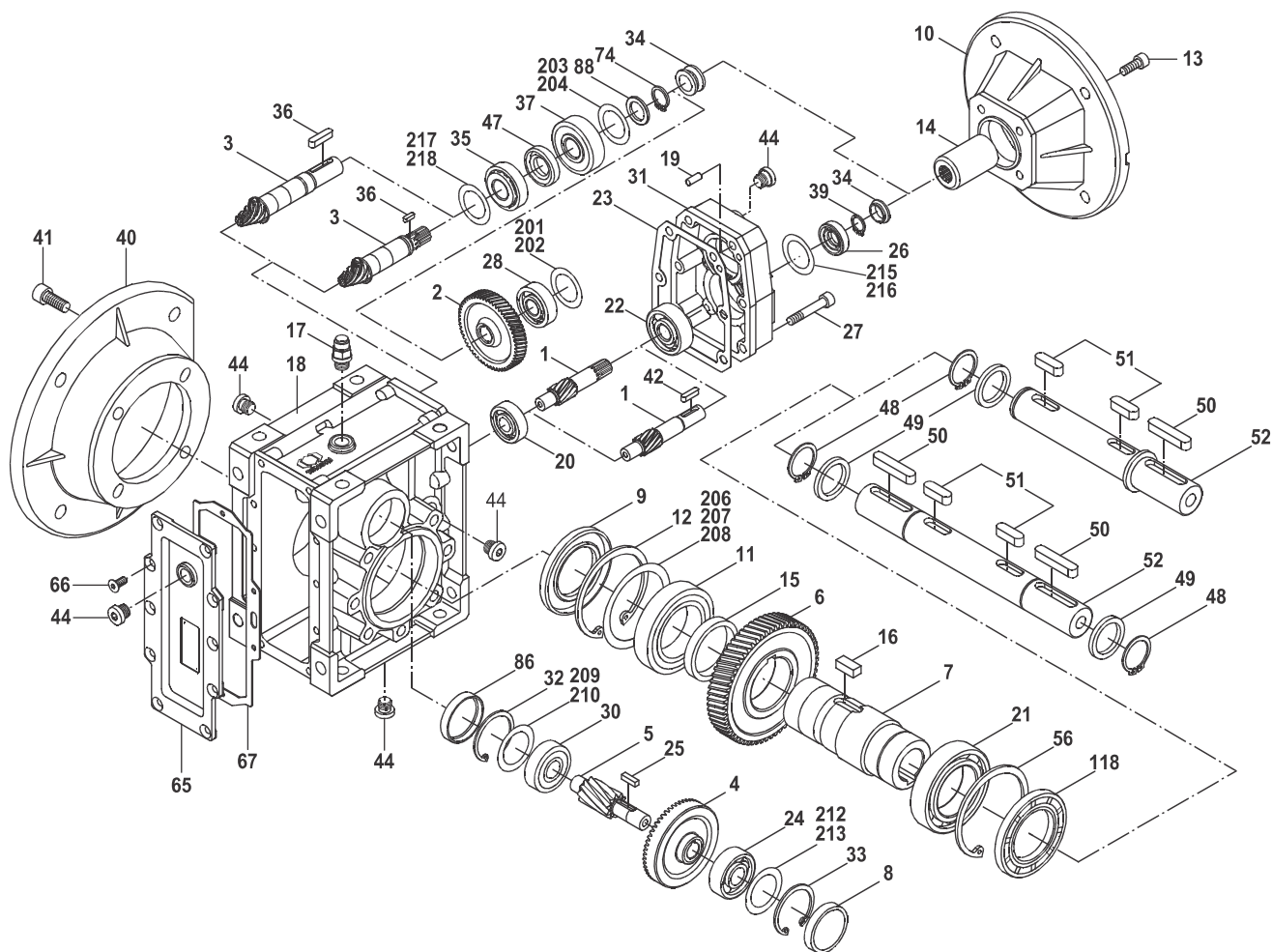


RO-...B / C with slow shaft



RO-... B / C with torque arm

EXPLODED VIEW AND PARTS



1 - Output shaft
 2 - Key
 3 - Sealing ring
 4 - Seeger
 5 - Bearing
 6 - Carcass
 7 - Bearing
 8 - Pinion shaft
 9 - Estate Ring
 10 - Bearing
 11 - Ring
 12 - Seeger
 13 - Key
 14 - Wheel
 15 - Seeger
 16 - Estate Ring
 17 - Bearing

18 - Oil plug
 19 - Key
 20 - Screw
 21 - Screw
 22 - Head Screw
 23 - Inlet Flange
 24 - Input shaft
 25 - Bearing
 26 - Screw head
 27 - Inlet cover
 28 - Seeger
 29 - Seeger
 30 - Screw head
 31 - Gasket
 32 - Head Screw
 33 - Pinion
 34 - Seeger

35 - Bearing
 36 - Support
 37 - Seeger
 38 - Cylindrical pin
 39 - Key
 40 - Wheel
 41 - Screw head
 42 - Feet
 43 - Seeger
 44 - Screw
 45 - Outlet flange
 46 - Hexagonal Allen screw
 47 - Seeger
 50 - Key

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	fs						
0.12	5.7	184	250	244.29	4100	0.7	R028C	63B5	6314			
	7.0	151	200	200.44	4100	0.9						
	9.5	110	150	146.67	4000	1.2						
	11.6	91	125	120.34	3770	1.4						
	13.9	76	100	101.04	3560	1.3						
	18.8	56	75	74.62	3220	1.4						
	24.0	45	60	58.36	2960	2.9	R028B	63B5	6314			
	28.7	38	50	48.86	2790	3.5						
	35	31	40	40.09	2610	4.2						
	48	23	30	29.33	2350	5.8						
	58	18.5	25	24.07	2200	7.0						
	69	15.6	20	20.21	2080	6.4						
	94	11.5	15	14.92	1880	7.0						
	112	9.6	12.5	12.47	1770	13.5						
	134	8.1	10	10.47	1670	12.4						
	181	5.9	7.5	7.73	1510	13.5						
	4.6	228	300	302.50	4800	0.9	R038C	63B5	6314			
	5.7	183	250	243.57	4800	1.1	R038C	63B5	6314			
	7.1	148	200	196.43	4800	1.2						
	9.2	114	150	151.56	4650	1.8						
	11.5	92	125	122.22	4330	2.0						
	13.8	76	100	101.27	4070	2.0						
	19.1	55	75	73.33	3650	2.0						
	23.1	47	60	60.50	3430	4.3				R038B	63B5	6314
	28.7	37	50	48.71	3190	5.3						
	36	30	40	39.29	2970	6.0						
	46	23	30	30.31	2720	8.6						
	4.7	224	300	297.21	6500	1.6	R048C	63B5	6314			
	5.8	181	250	240.89	6500	1.9				R048C	63B5	6314
	7.0	151	200	200.66	6500	2.0						
	9.3	114	150	151.20	6500	3.1						
	11.1	95	125	125.95	5980	3.2						
	14.1	75	100	99.22	5520	3.2						
	18.6	57	75	75.45	5040	3.5						
	4.7	222	300	295.18	8300	2.2	R058C	63B5	6314			
	5.8	181	250	240.89	8300	2.8				R058C	63B5	6314
	7.0	151	200	200.66	8300	3.2						
	9.3	114	150	151.20	8050	4.4						
	0.18	9.6	165	300	291.79	4000	0.8	R028C	63B5	6312		
		11.5	138	250	244.29	3790	0.9					
		14.0	113	200	200.44	3550	1.1					
		19.1	83	150	146.67	3200	1.6					
		23.3	68	125	120.34	2990	1.9					
		27.7	57	100	101.04	2820	1.8					
		38	42	75	74.62	2550	1.9					
		48	34	60	58.36	2350	3.9	R028B	63B5	6312		
		57	28	50	48.86	2220	4.6					
		70	23	40	40.09	2070	5.6					

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
0.18	95	16.9	30	29.33	1870	7.7	RO28B	63B5	6312
	116	13.9	25	24.07	1750	9.4			
	11.6	136	125	120.34	3770	1.0	RO28C	63B5	6324
	13.9	114	100	101.04	3560	0.9			
	18.8	84	75	74.62	3220	0.9			
	24.0	67	60	58.36	2960	1.9	RO28B	63B5	6324
	28.7	56	50	48.86	2790	2.3			
	35	46	40	40.09	2610	2.8			
	48	34	30	29.33	2350	3.8			
	58	28	25	24.07	2200	4.7			
	69	23	20	20.21	2080	4.3			
	94	17.2	15	14.92	1880	4.6			
	112	14.4	12.5	12.47	1770	9.0			
	134	12.1	10	10.47	1670	8.3			
	181	8.9	7.5	7.73	1510	9.0			
	15.4	105	60	58.36	3430	1.2	RO28B	71B5/B14	7116
	18.4	88	50	48.86	3240	1.5			
	22.4	72	40	40.09	3030	1.8			
	31	53	30	29.33	2730	2.5			
	37	43	25	24.07	2550	3.0			
	45	36	20	20.21	2410	2.8			
	60	27	15	14.92	2180	3.0			
	72	22	12.5	12.47	2050	5.8			
	86	18.8	10	10.47	1930	5.3			
	116	13.9	7.5	7.73	1750	5.8			
	9.3	171	300	302.50	4650	1.2	RO38C	63B5	6312
	11.5	138	250	243.57	4330	1.5	RO38C	63B5	6312
	14.3	111	200	196.43	4030	1.6			
	18.5	86	150	151.56	3690	2.3			
	22.9	69	125	122.22	3440	2.6			
	27.6	57	100	101.27	3230	2.6			
	38	41	75	73.33	2900	2.7			
	7.1	222	200	196.43	4800	0.8	RO38C	63B5	6324
	9.2	171	150	151.56	4650	1.2	RO38C	63B5	6324
	11.5	138	125	122.22	4330	1.3			
	13.8	114	100	101.27	4070	1.3			
	19.1	83	75	73.33	3650	1.3			
	23.1	70	60	60.50	3430	2.9	RO38B	63B5	6324
	28.7	56	50	48.71	3190	3.6	RO38B	63B5	6324
	36	45	40	39.29	2970	4.0			
	12.3	129	75	73.33	4230	0.9	RO38C	71B5/B14	7116
	14.9	109	60	60.50	3970	1.8	RO38B	71B5/B14	7116
	18.5	87	50	48.71	3690	2.3	RO38B	71B5/B14	7116
	22.9	71	40	39.29	3440	2.6			
	29.7	54	30	30.31	3150	3.7			
	37	44	25	24.44	2930	4.1			
	44	36	20	20.25	2760	4.1			
	61	26	15	14.67	2470	4.2			

PERFORMANCE DATA

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	f _s			Page	
0.18	9.4	168	300	297.21	6320	2.1	R048C	63B5	6312	41
	11.6	136	250	240.89	5890	2.6	R048C	63B5	6312	49
	14.0	113	200	200.66	5540	2.6				
	18.5	85	150	151.20	5040	4.1				
	4.7	336	300	297.21	6500	1.0	R048C	63B5	6324	41
	5.8	272	250	240.89	6500	1.3	R048C	63B5	6324	49
	7.0	227	200	200.66	6500	1.3				
	9.3	171	150	151.20	6500	2.0				
	11.1	142	125	125.95	5980	2.1				
	14.1	112	100	99.22	5520	2.1				
	18.6	85	75	75.45	5040	2.3				
	4.5	353	200	200.66	6500	0.9	R048C	71B5	7116	41
	6.0	266	150	151.20	6500	1.3	R048C	71B5	7116	49
	7.1	221	125	125.95	6500	1.4				
	9.1	174	100	99.22	6400	1.4				
	11.9	133	75	75.45	5840	1.5				
	15.1	107	60	59.44	5390	3.3	R048B	71B5	7116	40
	18.7	87	50	48.18	5030	4.0	R048B	71B5	7116	48
	9.5	167	300	295.18	7990	3.0	R058C	63B5	6312	43
	11.6	136	250	240.89	7470	3.7	R058C	63B5	6312	51
	4.7	333	300	295.18	8300	1.5	R058C	63B5	6324	43
	5.8	272	250	240.89	8300	1.8	R058C	63B5	6324	51
	7.0	227	200	200.66	8300	2.1				
	9.3	171	150	151.20	8050	2.9				
	11.1	142	125	125.95	7580	3.4				
	14.1	112	100	99.22	7000	3.4				
	18.6	85	75	75.45	6390	3.5				
	3.0	519	300	295.18	8300	1.0	R058C	71B5	7116	43
	3.7	423	250	240.89	8300	1.2	R058C	71B5	7116	51
	4.5	353	200	200.66	8300	1.4				
	6.0	266	150	151.20	8300	1.9				
	7.1	221	125	125.95	8300	2.2				
	9.1	174	100	99.22	8110	2.2				
	11.9	133	75	75.45	7400	2.3				
0.25	19.1	115	150	146.67	3200	1.1	R028C	63B5	6322	37
	23.3	94	125	120.34	2990	1.4				
	27.7	79	100	101.04	2820	1.3				
	38	59	75	74.62	2550	1.4				
	48	47	60	58.36	2350	2.8	R028B	63B5	6322	36
	57	39	50	48.86	2220	3.3				
	70	32	40	40.09	2070	4.0				
	22.5	98	60	62.36	3030	1.3	R028C	71B5/B14	7114	37
	26.7	82	50	52.36	2860	1.2				
	24.0	94	60	58.36	2960	1.4	R028B	71B5/B14	7114	36
	28.7	78	50	48.86	2790	1.7				

PERFORMANCE DATA

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	f _s				
0.25	35	64	40	40.09	2610	2.0	R028B	71B5/B14	7114	
	48	47	30	29.33	2350	2.8				
	58	39	25	24.07	2200	3.4				
	69	32	20	20.21	2080	3.1				
	94	24	15	14.92	1880	3.3				
	15.4	146	60	58.36	3430	0.9	R028B	71B5/B14	7126	
	18.4	122	50	48.86	3240	1.1				
	22.4	100	40	40.09	3030	1.3				
	31	73	30	29.33	2730	1.8				
	37	60	25	24.07	2550	2.2				
	45	50	20	20.21	2410	2.0				
	60	37	15	14.92	2180	2.2				
	72	31	12.5	12.47	2050	4.2				
	86	26	10	10.47	1930	3.8				
	116	19.3	7.5	7.73	1750	4.2				
	11.5	191	250	243.57	4330	1.0	R038C R038C	63B5 63B5	6322 6322	
	14.3	154	200	196.43	4030	1.2				
	18.5	119	150	151.56	3690	1.7	R038C R038C	71B5/B14 71B5/B14	7114 7114	
	22.9	96	125	122.22	3440	1.9				
	27.6	79	100	101.27	3230	1.9				
	38	58	75	73.33	2900	1.9				
	11.5	192	125	122.22	4330	0.9				
	13.8	159	100	101.27	4070	0.9	R038C R038C	71B5/B14 71B5/B14	7114 7114	
	19.1	115	75	73.33	3650	1.0				
	23.1	97	60	60.50	3430	2.1	R038B R038B	71B5/B14 71B5/B14	7114 7114	
	28.7	78	50	48.71	3190	2.6				
	36	63	40	39.29	2970	2.9				
	46	49	30	30.31	2720	4.1				
	14.9	151	60	60.50	3970	1.3	R038B R038B	71B5/B14 71B5/B14	7126 7126	
	18.5	121	50	48.71	3690	1.6				
	22.9	98	40	39.29	3440	1.8				
	29.7	76	30	30.31	3150	2.6				
	37	61	25	24.44	2930	3.0				
	44	50	20	20.25	2760	3.0				
	61	37	15	14.67	2470	3.0				
	9.4	233	300	297.21	6320	1.5	R048C R048C	63B5 63B5	6322 6322	
	11.6	189	250	240.89	5890	1.9				
	14.0	157	200	200.66	5540	1.9	R048C R048C	71B5 71B5	7114 7114	
	18.5	119	150	151.20	5040	3.0				
	22.2	99	125	125.95	4750	3.0				
	28.2	78	100	99.22	4380	3.1				
	37	59	75	75.45	4000	3.4				
	5.8	378	250	240.89	6500	0.9				
	7.0	315	200	200.66	6500	1.0				
	9.3	237	150	151.20	6500	1.5	R048C R048C	71B5 71B5	7114 7114	
	11.1	198	125	125.95	5980	1.5				
	14.1	156	100	99.22	5520	1.5				
	18.6	118	75	75.45	5040	1.7				
	6.0	369	150	151.20	6500	0.9	R048C R048C	71B5 71B5	7126 7126	
7.1	307	125	125.95	6500	1.0					

PERFORMANCE DATA

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	f _s			
0.25	9.1	242	100	99.22	6400	1.0	R048C	71B5	7126
	11.9	184	75	75.45	5840	1.1	R048C	71B5	7126
	15.1	148	60	59.44	5390	2.4	R048B	71B5	7126
	18.7	120	50	48.18	5030	2.9	R048B	71B5	7126
	22.4	100	40	40.13	4730	3.0			
	9.5	232	300	295.18	7990	2.2	R058C	63B5	6322
	11.6	189	250	240.89	7470	2.6	R058C	63B5	6322
	14.0	157	200	200.66	7030	3.0			
	18.5	119	150	151.20	6390	4.2			
	4.7	463	300	295.18	8300	1.1	R058C	71B5	7114
	5.8	378	250	240.89	8300	1.3	R058C	71B5	7114
	7.0	315	200	200.66	8300	1.5			
	9.3	237	150	151.20	8050	2.1			
	11.1	198	125	125.95	7580	2.4			
	14.1	156	100	99.22	7000	2.4			
	18.6	118	75	75.45	6390	2.5			
	3.7	588	250	240.89	8300	0.9	R058C	71B5	7126
	4.5	490	200	200.66	8300	1.0	R058C	71B5	7126
	6.0	369	150	151.20	8300	1.4			
	7.1	307	125	125.95	8300	1.6			
	9.1	242	100	99.22	8110	1.6			
	11.9	184	75	75.45	7400	1.6			
	15.2	147	60	59.04	6820	3.4	R058B	71B5	7126
	18.7	120	50	48.18	6370	4.2	R058B	71B5	7126
0.37	23.3	140	125	120.34	2990	0.9	R028C	71B5/B14	7112
	27.7	117	100	101.04	2820	0.9			
	38	87	75	74.62	2550	0.9			
	48	70	30	29.33	2350	1.9			
	58	57	25	24.07	2200	2.3			
	69	48	20	20.21	2080	2.1			

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s						
0.37	94	35	15	14.92	1880	2.3	R028	71B5/B14	7124			
	112	30	12.5	12.47	1770	4.4						
	134	25	10	10.47	1670	4.0						
	181	18.3	7.5	7.73	1510	4.4						
	22.4	148	40	40.09	3030	0.9	R028	80B5/B14	8016			
	31	108	30	29.33	2730	1.2						
	37	89	25	24.07	2550	1.5						
	45	75	20	20.21	2410	1.3						
	60	55	15	14.92	2180	1.5						
	72	46	12.5	12.47	2050	2.8						
	86	39	10	10.47	1930	2.6						
	116	29	7.5	7.73	1750	2.8						
	18.5	176	150	151.56	3690	1.1	R038C R038C	71B5/B14 71B5/B14	7112 7112			
	22.9	142	125	122.22	3440	1.3						
	27.6	118	100	101.27	3230	1.3						
	38	85	75	73.33	2900	1.3						
	46	72	60	60.50	2720	2.8	R038B R038B	71B5/B14 71B5/B14	7112 7112			
	57	58	50	48.71	2530	3.5						
	71	47	40	39.29	2350	3.9						
	23.1	144	60	60.50	3430	1.4	R038B R038B	71B5/B14 71B5/B14	7124 7124			
	28.7	116	50	48.71	3190	1.7						
	36	93	40	39.29	2970	1.9						
	46	72	30	30.31	2720	2.8						
	57	58	25	24.44	2530	3.1						
	69	48	20	20.25	2380	3.1						
	95	35	15	14.67	2130	3.2						
	14.9	223	60	60.50	3970	0.9				R038B R038B	80B5/B14 80B5/B14	8016 8016
	18.5	180	50	48.71	3690	1.1						
	22.9	145	40	39.29	3440	1.2						
29.7	112	30	30.31	3150	1.8							
37	90	25	24.44	2930	2.0							
44	75	20	20.25	2760	2.0							
61	54	15	14.67	2470	2.0							
71	47	12.5	12.67	2360	3.8							
86	39	10	10.50	2210	3.9							
118	28	7.5	7.60	1990	3.9							
	9.4	345	300	297.21	6320	1.0	R048C R048C	71B5 71B5	7112 7112			
	11.6	280	250	240.89	5890	1.3						
	14.0	233	200	200.66	5540	1.3						
	18.5	176	150	151.20	5040	2.0						
	22.2	146	125	125.95	4750	2.1						
	28.2	115	100	99.22	4380	2.1						
	37	88	75	75.45	4000	2.3						
		22.4	145	60	62.43	4730				2.1		
28.5		114	50	49.18	4370	2.1						
	23.6	141	60	59.44	4660	2.5	R048B R048B	71B5 71B5	7124 7124			
	29.1	114	50	48.18	4340	3.1						
	35	95	40	40.13	4080	3.2						

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	fs			
0.37									
	15.1	219	60	59.44	5390	1.6	RO48B	80B5/B14	8016
	18.7	178	50	48.18	5030	2.0	RO48B	80B5/B14	8016
	22.4	148	40	40.13	4730	2.0			
	29.8	112	30	30.24	4310	3.1			
	36	93	25	25.19	4050	3.2			
	45	73	20	19.84	3740	3.3			
	60	56	15	15.09	3410	3.6			
	9.5	343	300	295.18	7990	1.5	RO58C	71B5	7112
	11.6	280	250	240.89	7470	1.8	RO58C	71B5	7112
	14.0	233	200	200.66	7030	2.1			
	18.5	176	150	151.20	6390	2.8			
	22.2	146	125	125.95	6010	3.3			
	28.2	115	100	99.22	5550	3.3			
	37	88	75	75.45	5070	3.4			
	5.8	559	250	240.89	8300	0.9	RO58C	71B5	7124
	7.0	466	200	200.66	8300	1.0	RO58C	71B5	7124
	9.3	351	150	151.20	8050	1.4			
	11.1	292	125	125.95	7580	1.6			
	14.1	230	100	99.22	7000	1.6			
	18.6	175	75	75.45	6390	1.7			
	6.0	546	150	151.20	8300	0.9	RO58C	80B5/B14	8016
	7.1	455	125	125.95	8300	1.1	RO58C	80B5/B14	8016
	9.1	358	100	99.22	8110	1.1			
	11.9	273	75	75.45	7400	1.1			
	15.2	218	60	59.04	6820	2.3	RO58B	80B5/B14	8016
	18.7	178	50	48.18	6370	2.8	RO58B	80B5/B14	8016
	22.4	148	40	40.13	6000	3.2			

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s						
0.55												
	48	103	60	58.36	2350	1.3	RO28B	71B5/B14	7122			
	57	86	50	48.86	2220	1.5						
	70	71	40	40.09	2070	1.8						
	95	52	30	29.33	1870	2.5						
	116	42	25	24.07	1750	3.1						
	139	36	20	20.21	1650	2.8						
	188	26	15	14.92	1490	3.0						
	35	141	40	40.09	2610	0.9	RO28B	80B5/B14	8014			
	48	103	30	29.33	2350	1.3						
	58	85	25	24.07	2200	1.5						
	69	71	20	20.21	2080	1.4						
	94	53	15	14.92	1880	1.5						
	112	44	12.5	12.47	1770	3.0						
	134	37	10	10.47	1670	2.7						
	181	27	7.5	7.73	1510	2.9						
	37	132	25	24.07	2550	1.0	RO28B	80B5/B14	8026			
	45	111	20	20.21	2410	0.9						
	60	82	15	14.92	2180	1.0						
	72	68	12.5	12.47	2050	1.9						
	86	57	10	10.47	1930	1.7						
	116	42	7.5	7.73	1750	1.9						
	22.9	211	125	122.22	3440	0.9	RO38C RO38C	71B5/B14 71B5/B14	7122 7122			
	27.6	175	100	101.27	3230	0.9						
	38	127	75	73.33	2900	0.9						
	46	107	60	60.50	2720	1.9	RO38B RO38B	71B5/B14 71B5/B14	7122 7122			
	57	86	50	48.71	2530	2.3						
	71	69	40	39.29	2350	2.6						
	92	53	30	30.31	2160	3.7						
	23.1	213	60	60.50	3430	0.9	RO38B RO38B	80B5/B14 80B5/B14	8014 8014			
	28.7	172	50	48.71	3190	1.2						
	36	139	40	39.29	2970	1.3						
	46	107	30	30.31	2720	1.9						
	57	86	25	24.44	2530	2.1						
	69	71	20	20.25	2380	2.1						
	95	52	15	14.67	2130	2.1						
	110	45	12.5	12.67	2030	4.0						
	133	37	10	10.50	1910	4.1						
	184	27	7.5	7.60	1710	4.1						
	22.9	216	40	39.29	3440	0.8				RO38B RO38B	80B5/B14 80B5/B14	8026 8026
	29.7	166	30	30.31	3150	1.2						
	37	134	25	24.44	2930	1.3						
	44	111	20	20.25	2760	1.4						
	61	80	15	14.67	2470	1.4						
	71	70	12.5	12.67	2360	2.6						
	86	58	10	10.50	2210	2.6						
	118	42	7.5	7.60	1990	2.6						
	14.0	346	200	200.66	5540	0.9	RO48C RO48C	71B5 71B5	7122 7122			
	18.5	261	150	151.20	5040	1.3						
	22.2	217	125	125.95	4750	1.4						
	28.2	171	100	99.22	4380	1.4						
37	130	75	75.45	4000	1.5							

PERFORMANCE DATA

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	f _s				
0.55	47	105	60	59.44	3690	3.3	RO48B	71B5	7122	
	58	85	50	48.18	3440	4.1	RO48B	71B5	7122	
	70	71	40	40.13	3240	4.2				
	18.6	260	75	75.45	5040	0.8	RO48	80B5/B14	8014	
	22.4	215	60	62.43	4730	1.4	RO48	80B5/B14	8014	
	28.5	170	50	49.18	4370	1.4				
	23.6	210	60	59.44	4660	1.7	RO48B	80B5/B14	8014	
	29.1	170	50	48.18	4340	2.1	RO48B	80B5/B14	8014	
	35	142	40	40.13	4080	2.1				
	46	107	30	30.24	3720	3.3				
	56	89	25	25.19	3500	3.4				
	71	70	20	19.84	3230	3.4				
	93	53	15	15.09	2950	3.8				
	15.1	326	60	59.44	5390	1.1	RO48B	80B5/B14	8026	
	18.7	264	50	48.18	5030	1.3	RO48B	80B5/B14	8026	
	22.4	220	40	40.13	4730	1.4				
	29.8	166	30	30.24	4310	2.1				
	36	138	25	25.19	4050	2.2				
	45	109	20	19.84	3740	2.2				
	60	83	15	15.09	3410	2.4				
	9.5	509	300	295.18	7990	1.0	RO58C	71B5	7122	
	11.6	416	250	240.89	7470	1.2	RO58C	71B5	7122	
	14.0	346	200	200.66	7030	1.4				
	18.5	261	150	151.20	6390	1.9				
	22.2	217	125	125.95	6010	2.2				
	28.2	171	100	99.22	5550	2.2				
	37	130	75	75.45	5070	2.3				
	9.3	522	150	151.20	8050	1.0	RO58C	80B5/B14	8014	
	11.1	435	125	125.95	7580	1.1	RO58C	80B5/B14	8014	
	14.1	342	100	99.22	7000	1.1				
	18.6	260	75	75.45	6390	1.2				
	23.7	208	60	59.04	5890	2.4	RO58B	80B5/B14	8014	
	29.1	170	50	48.18	5500	2.9	RO58B	80B5/B14	8014	
	35	142	40	40.13	5170	3.4				
	15.2	324	60	59.04	6820	1.5	RO58B	80B5/B14	8026	
	18.7	264	50	48.18	6370	1.9	RO58B	80B5/B14	8026	
	22.4	220	40	40.13	6000	2.2				
29.8	166	30	30.24	5460	3.0					
36	138	25	25.19	5130	3.5					
45	109	20	19.84	4740	3.5					
60	83	15	15.09	4330	3.6					

PERFORMANCE DATA

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	fs				
0.75	48	140	60	58.36	2350	0.9	RO28B	80B5/B14	8012	
	57	117	50	48.86	2220	1.1	RO28B	80B5/B14	8012	
	70	96	40	40.09	2070	1.3				
	95	71	30	29.33	1870	1.8				
	116	58	25	24.07	1750	2.2				
	139	49	20	20.21	1650	2.1				
	188	36	15	14.92	1490	2.2				
	225	30	12.5	12.47	1400	4.3				
	267	25	10	10.47	1320	4.0				
	362	18.6	7.5	7.73	1200	4.3				
	48	141	30	29.33	2350	0.9	RO28B	80B5/B14	8024	
	58	116	25	24.07	2200	1.1	RO28B	80B5/B14	8024	
	69	97	20	20.21	2080	1.0				
	94	72	15	14.92	1880	1.1				
	112	60	12.5	12.47	1770	2.2				
	134	50	10	10.47	1670	2.0				
	181	37	7.5	7.73	1510	2.2				
	72	93	12.5	12.47	2050	1.4	RO28B	90B5/B14	90S6	
	86	78	10	10.47	1930	1.3				
	116	58	7.5	7.73	1750	1.4				
	46	145	60	60.50	2720	1.4	RO38B	80B5/B14	8012	
	57	117	50	48.71	2530	1.7	RO38B	80B5/B14	8012	
	71	94	40	39.29	2350	1.9				
	92	73	30	30.31	2160	2.7				
	115	59	25	24.44	2010	3.1				
	138	49	20	20.25	1890	3.1				
	191	35	15	14.67	1690	3.1				
	28.7	234	50	48.71	3190	0.9	RO38B	80B5/B14	8024	
	36	189	40	39.29	2970	1.0	RO38B	80B5/B14	8024	
	46	146	30	30.31	2720	1.4				
	57	118	25	24.44	2530	1.5				
	69	97	20	20.25	2380	1.5				
	95	71	15	14.67	2130	1.6				
	110	61	12.5	12.67	2030	3.0				
	133	50	10	10.50	1910	3.0				
184	37	7.5	7.60	1710	3.0					

PERFORMANCE DATA

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	f _s				
0.75	29.7	227	30	30.31	3150	0.9	RO38B RO38B	90B5/B14	90S6	
	37	183	25	24.44	2930	1.0		90B5/B14	90S6	
	44	151	20	20.25	2760	1.0				
	61	110	15	14.67	2470	1.0				
	71	95	12.5	12.67	2360	1.9				
	86	79	10	10.50	2210	1.9				
	118	57	7.5	7.60	1990	1.9				
	18.5	356	150	151.20	5040	1.0	RO48C RO48C	80B5/B14	8012	
	22.2	296	125	125.95	4750	1.0		80B5/B14	8012	
	28.2	234	100	99.22	4380	1.0				
	37	178	75	75.45	4000	1.1				
	47	143	60	59.44	3690	2.4	RO48B RO48B	80B5/B14	8012	
	58	116	50	48.18	3440	3.0		80B5/B14	8012	
	70	96	40	40.13	3240	3.1				
	23.6	286	60	59.44	4660	1.2	RO48B RO48B	80B5/B14	8024	
	29.1	232	50	48.18	4340	1.5		80B5/B14	8024	
	35	193	40	40.13	4080	1.6				
	46	145	30	30.24	3720	2.4				
	56	121	25	25.19	3500	2.5				
	71	95	20	19.84	3230	2.5				
	93	73	15	15.09	2950	2.8				
	18.7	360	50	48.18	5030	1.0	RO48B RO48B	90B5/B14	90S6	
	22.4	300	40	40.13	4730	1.0		90B5/B14	90S6	
	29.8	226	30	30.24	4310	1.5				
	36	188	25	25.19	4050	1.6				
	45	148	20	19.84	3740	1.6				
	60	113	15	15.09	3410	1.8				
	72	93	12.5	12.49	3210	3.2				
	91	74	10	9.84	2960	3.3				
	120	56	7.5	7.48	2700	3.6				
	11.6	567	250	240.89	7470	0.9	RO58C RO58C	80B5/B14	8012	
	14.0	472	200	200.66	7030	1.0		80B5/B14	8012	
	18.5	356	150	151.20	6390	1.4				
	22.2	296	125	125.95	6010	1.6				
	28.2	234	100	99.22	5550	1.6				
	37	178	75	75.45	5070	1.7				
	47	142	60	59.04	4670	3.5	RO58B RO58B	80B5/B14	8012	
	58	116	50	48.18	4360	4.3		80B5/B14	8012	
	23.7	284	60	59.04	5890	1.8	RO58B RO58B	80B5/B14	8024	
	29.1	232	50	48.18	5500	2.2		80B5/B14	8024	
	35	193	40	40.13	5170	2.5				
	46	145	30	30.24	4710	3.4				
	56	121	25	25.19	4430	4.0				
71	95	20	19.84	4090	4.0					
93	73	15	15.09	3730	4.1					

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
1.1	46	214	30	30.31	2720	0.9	RO38B	90B5/B14	90S4
	57	172	25	24.44	2530	1.0	RO38B	90B5/B14	90S4
	69	143	20	20.25	2380	1.1			
	95	103	15	14.67	2130	1.1			
	110	89	12.5	12.67	2030	2.0			
	133	74	10	10.50	1910	2.0			
	184	54	7.5	7.60	1710	2.1			
	71	139	12.5	12.67	2360	1.3	RO38B	90B5/B14	90L6
	86	115	10	10.50	2210	1.3	RO38B	90B5/B14	90L6
	118	83	7.5	7.60	1990	1.3			
	47	210	60	59.44	3690	1.7	RO48B	80B5/B14	8022
	58	170	50	48.18	3440	2.1	RO48B	80B5/B14	8022
	70	142	40	40.13	3240	2.1			
	93	107	30	30.24	2950	3.3			
	111	89	25	25.19	2770	3.4			
	141	70	20	19.84	2560	3.4			
	186	53	15	15.09	2340	3.8			
	29.1	340	50	48.18	4340	1.0	RO48B	90B5/B14	90S4
	35	283	40	40.13	4080	1.1	RO48B	90B5/B14	90S4
	46	213	30	30.24	3720	1.6			
	56	178	25	25.19	3500	1.7			
	71	140	20	19.84	3230	1.7			
	93	106	15	15.09	2950	1.9			
	112	88	12.5	12.49	2770	3.4			
	142	69	10	9.84	2550	3.5			
	187	53	7.5	7.48	2330	3.8			
	29.8	332	30	30.24	4310	1.1	RO48B	90B5/B14	90L6
	36	276	25	25.19	4050	1.1	RO48B	90B5/B14	90L6
	45	218	20	19.84	3740	1.1			
	60	166	15	15.09	3410	1.2			
	72	137	12.5	12.49	3210	2.2			
	91	108	10	9.84	2960	2.2			
	120	82	7.5	7.48	2700	2.4			
	18.5	522	150	151.20	6390	1.0	RO58C	80B5/B14	8022
	22.2	435	125	125.95	6010	1.1	RO48C	80B5/B14	8022
	28.2	342	100	99.22	5550	1.1			
	37	260	75	75.45	5070	1.2			
	47	208	60	59.04	4670	2.4	RO58B	80B5/B14	8022
	58	170	50	48.18	4360	2.9	RO48B	80B5/B14	8022
	70	142	40	40.13	4110	3.4			
	23.7	416	60	59.04	5890	1.2	RO58B	90B5/B14	90S4
	29.1	340	50	48.18	5500	1.5	RO48B	90B5/B14	90S4
	35	283	40	40.13	5170	1.7			
	46	213	30	30.24	4710	2.3			
	56	178	25	25.19	4430	2.7			
	71	140	20	19.84	4090	2.7			
	93	106	15	15.09	3730	2.8			
	18.7	529	50	48.18	6370	0.9	RO58B	90B5/B14	90L6
	22.4	440	40	40.13	6000	1.1	RO48B	90B5/B14	90L6
	29.8	332	30	30.24	5460	1.5			
	36	276	25	25.19	5130	1.7			
	45	218	20	19.84	4740	1.7			
	60	166	15	15.09	4330	1.8			

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	fs			
1.1	46	214	30	30.31	2720	0.9	RO38B	90B5/B14	90S4
	57	172	25	24.44	2530	1.0	RO38B	90B5/B14	90S4
	69	143	20	20.25	2380	1.1			
	95	103	15	14.67	2130	1.1			
	110	89	12.5	12.67	2030	2.0			
	133	74	10	10.50	1910	2.0			
	184	54	7.5	7.60	1710	2.1			
	71	139	12.5	12.67	2360	1.3	RO38B	90B5/B14	90L6
	86	115	10	10.50	2210	1.3	RO38B	90B5/B14	90L6
	118	83	7.5	7.60	1990	1.3			
	47	210	60	59.44	3690	1.7	RO48B	80B5/B14	8022
	58	170	50	48.18	3440	2.1	RO48B	80B5/B14	8022
	70	142	40	40.13	3240	2.1			
	93	107	30	30.24	2950	3.3			
	111	89	25	25.19	2770	3.4			
	141	70	20	19.84	2560	3.4			
	186	53	15	15.09	2340	3.8			
	29.1	340	50	48.18	4340	1.0	RO48B	90B5/B14	90S4
	35	283	40	40.13	4080	1.1	RO48B	90B5/B14	90S4
	46	213	30	30.24	3720	1.6			
	56	178	25	25.19	3500	1.7			
	71	140	20	19.84	3230	1.7			
	93	106	15	15.09	2950	1.9			
	112	88	12.5	12.49	2770	3.4			
	142	69	10	9.84	2550	3.5			
	187	53	7.5	7.48	2330	3.8			
	29.8	332	30	30.24	4310	1.1	RO48B	90B5/B14	90L6
	36	276	25	25.19	4050	1.1	RO48B	90B5/B14	90L6
	45	218	20	19.84	3740	1.1			
	60	166	15	15.09	3410	1.2			
	72	137	12.5	12.49	3210	2.2			
	91	108	10	9.84	2960	2.2			
	120	82	7.5	7.48	2700	2.4			
	18.5	522	150	151.20	6390	1.0	RO58C	80B5/B14	8022
	22.2	435	125	125.95	6010	1.1	RO48C	80B5/B14	8022
	28.2	342	100	99.22	5550	1.1			
	37	260	75	75.45	5070	1.2			
	47	208	60	59.04	4670	2.4	RO58B	80B5/B14	8022
	58	170	50	48.18	4360	2.9	RO48B	80B5/B14	8022
	70	142	40	40.13	4110	3.4			
	23.7	416	60	59.04	5890	1.2	RO58B	90B5/B14	90S4
	29.1	340	50	48.18	5500	1.5	RO48B	90B5/B14	90S4
	35	283	40	40.13	5170	1.7			
	46	213	30	30.24	4710	2.3			
	56	178	25	25.19	4430	2.7			
	71	140	20	19.84	4090	2.7			
	93	106	15	15.09	3730	2.8			
	18.7	529	50	48.18	6370	0.9	RO58B	90B5/B14	90L6
	22.4	440	40	40.13	6000	1.1	RO48B	90B5/B14	90L6
	29.8	332	30	30.24	5460	1.5			
	36	276	25	25.19	5130	1.7			
	45	218	20	19.84	4740	1.7			
	60	166	15	15.09	4330	1.8			

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
1.1	72	137	12.5	12.49	4060	3.5	RO58B	90B5/B14	90L6
	91	108	10	9.84	3750	3.5	RO48B	90B5/B14	90L6
	120	82	7.5	7.48	3420	3.7			
1.5	95	141	30	29.33	1870	0.9	RO28B	90B5/B14	90S2
	116	116	25	24.07	1750	1.1			
	139	97	20	20.21	1650	1.0			
	188	72	15	14.92	1490	1.1			
	225	60	12.5	12.47	1400	2.2			
	267	50	10	10.47	1320	2.0			
	362	37	7.5	7.73	1200	2.2			
	112	120	12.5	12.47	1770	1.1	RO28B	90B5/B14	90L4
	134	101	10	10.47	1670	1.0			
	181	74	7.5	7.73	1510	1.1			
	57	234	50	48.71	2530	0.9	RO38B	90B5/B14	90S2
	71	189	40	39.29	2350	1.0	RO38B	90B5/B14	90S2
	92	146	30	30.31	2160	1.4			
	115	118	25	24.44	2010	1.5			
	138	97	20	20.25	1890	1.5			
	191	71	15	14.67	1690	1.6			
	221	61	12.5	12.67	1610	3.0			
	267	50	10	10.50	1510	3.0			
	368	37	7.5	7.60	1360	3.0			
	57	235	25	24.44	2530	0.8	RO38B	90B5/B14	90L4
	69	195	20	20.25	2380	0.8	RO38B	90B5/B14	90L4
	95	141	15	14.67	2130	0.8			
	110	122	12.5	12.67	2030	1.5			
	133	101	10	10.50	1910	1.5			
	184	73	7.5	7.60	1710	1.5			

PERFORMANCE DATA

P _{1n} [kW]	n ₂ [r/min]	M _{2n} [Nm]	i Nominal	i Actual	F _{r2} [N]	f _s				
1.5	47	286	60	59.44	3690	1.2	RO48B	90B5/B14	90S2	
	58	232	50	48.18	3440	1.5	RO48B	90B5/B14	90S2	
	70	193	40	40.13	3240	1.6				
	93	145	30	30.24	2950	2.4				
	111	121	25	25.19	2770	2.5				
	141	95	20	19.84	2560	2.5				
	186	73	15	15.09	2340	2.8				
	35	386	40	40.13	4080	0.8	RO48B	90B5/B14	90L4	
	46	291	30	30.24	3720	1.2	RO48B	90B5/B14	90L4	
	56	242	25	25.19	3500	1.2				
	71	191	20	19.84	3230	1.3				
	93	145	15	15.09	2950	1.4				
	112	120	12.5	12.49	2770	2.5				
	142	95	10	9.84	2550	2.5				
	187	72	7.5	7.48	2330	2.8				
	45	297	20	19.84	3740	0.8	RO48B	100B5/B14	100L6	
	60	226	15	15.09	3410	0.9	RO48B	100B5/B14	100L6	
	72	187	12.5	12.49	3210	1.6				
	91	147	10	9.84	2960	1.6				
	120	112	7.5	7.48	2700	1.8				
	47	284	60	59.04	4670	1.8	RO58B	90B5/B14	90S2	
	58	232	50	48.18	4360	2.2	RO58B	90B5/B14	90S2	
	70	193	40	40.13	4110	2.5				
	93	145	30	30.24	3740	3.4				
	111	121	25	25.19	3520	4.0				
	141	95	20	19.84	3250	4.0				
	186	73	15	15.09	2960	4.1				
	23.7	568	60	59.04	5890	0.9	RO58B	90B5/B14	90L4	
	29.1	463	50	48.18	5500	1.1	RO58B	90B5/B14	90L4	
	35	386	40	40.13	5170	1.2				
	46	291	30	30.24	4710	1.7				
	56	242	25	25.19	4430	2.0				
	71	191	20	19.84	4090	2.0				
	93	145	15	15.09	3730	2.1				
	112	120	12.5	12.49	3510	4.0				
	142	95	10	9.84	3240	4.0				
	187	72	7.5	7.48	2950	4.2				
	29.8	452	30	30.24	5460	1.1	RO58B	100B5/B14	100L6	
	36	377	25	25.19	5130	1.3	RO58B	100B5/B14	100L6	
	45	297	20	19.84	4740	1.3				
	60	226	15	15.09	4330	1.3				
	72	187	12.5	12.49	4060	2.6				
	91	147	10	9.84	3750	2.6				
120	112	7.5	7.48	3420	2.7					

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
2.2	225	88	12.5	12.47	1400	1.5	R028B	90B5/B14	90L2
	267	74	10	10.47	1320	1.4			
	362	55	7.5	7.73	1200	1.5			
	92	214	30	30.31	2160	0.9	R038B	90B5/B14	90L2
	115	172	25	24.44	2010	1.0			
	138	143	20	20.25	1890	1.1	R038B	90B5/B14	90L2
	191	103	15	14.67	1690	1.1			
	221	89	12.5	12.67	1610	2.0			
	267	74	10	10.50	1510	2.0			
	368	54	7.5	7.60	1360	2.1			
	58	340	50	48.18	3440	1.0			
	70	283	40	40.13	3240	1.1	R048B	90B5/B14	90L2
	93	213	30	30.24	2950	1.6			
	111	178	25	25.19	2770	1.7	R048B	90B5/B14	90L2
	141	140	20	19.84	2560	1.7			
	186	106	15	15.09	2340	1.9			
	224	88	12.5	12.49	2190	3.4	R048B	90B5/B14	90L2
	285	69	10	9.84	2030	3.5			
	374	53	7.5	7.48	1850	3.8			
	56	355	25	25.19	3500	0.8	R048B	100B5/B14	100LA4
	71	280	20	19.84	3230	0.9			
	93	213	15	15.09	2950	0.9	R048B	100B5/B14	100LA4
	112	176	12.5	12.49	2770	1.7			
	142	139	10	9.84	2550	1.7			
	187	106	7.5	7.48	2330	1.9	R048B	112B5/B14	112M6
	72	274	12.5	12.49	3210	1.1			
	91	216	10	9.84	2960	1.1			
	120	164	7.5	7.48	2700	1.2	R048B	112B5/B14	112M6
	47	416	60	59.04	4670	1.2	R058B	90B5/B14	90L2
	58	340	50	48.18	4360	1.5			
	70	283	40	40.13	4110	1.7	R058B	90B5/B14	90L2
	93	213	30	30.24	3740	2.3			
	111	178	25	25.19	3520	2.7			
	141	140	20	19.84	3250	2.7	R058B	100B5/B14	100LA4
	186	106	15	15.09	2960	2.8			
	35	566	40	40.13	5170	0.8			
	46	427	30	30.24	4710	1.2	R058B	100B5/B14	100LA4
56	355	25	25.19	4430	1.4				
71	280	20	19.84	4090	1.4				

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
2.2	93	213	15	15.09	3730	1.4	RO58B	100B5/B14	100LA4
	112	176	12.5	12.49	3510	2.7	RO58B	100B5/B14	100LA4
	142	139	10	9.84	3240	2.7			
	187	106	7.5	7.48	2950	2.8			
	36	553	25	25.19	5130	0.9	RO58B	112B5/B14	112M6
	45	435	20	19.84	4740	0.9	RO58B	112B5/B14	112M6
	60	331	15	15.09	4330	0.9			
	72	274	12.5	12.49	4060	1.8			
	91	216	10	9.84	3750	1.8			
	120	164	7.5	7.48	3420	1.8			
3.0	70	386	40	40.13	3240	0.8	RO48B	100B5/B14	100L2
	93	291	30	30.24	2950	1.2	RO48B	100B5/B14	100L2
	111	242	25	25.19	2770	1.2			
	141	191	20	19.84	2560	1.3			
	186	145	15	15.09	2340	1.4			
	224	120	12.5	12.49	2190	2.5			
	285	95	10	9.84	2030	2.5			
	374	72	7.5	7.48	1850	2.8			
	112	240	12.5	12.49	2770	1.2	RO48B	100B5/B14	100LB4
	142	189	10	9.84	2550	1.3	RO48B	100B5/B14	100LB4
	187	144	7.5	7.48	2330	1.4			
	47	568	60	59.04	4670	0.9	RO58B	100B5/B14	100L2
	58	463	50	48.18	4360	1.1	RO58B	100B5/B14	100L2
	70	386	40	40.13	4110	1.2			
	93	291	30	30.24	3740	1.7			
	111	242	25	25.19	3520	2.0			
	141	191	20	19.84	3250	2.0			
	186	145	15	15.09	2960	2.1			
	224	120	12.5	12.49	2780	4.0			
	285	95	10	9.84	2570	4.0			
	374	72	7.5	7.48	2340	4.2			
	46	582	30	30.24	4710	0.9	RO58B	100B5/B14	100LB4
	56	485	25	25.19	4430	1.0	RO58B	100B5/B14	100LB4
	71	382	20	19.84	4090	1.0			
	93	290	15	15.09	3730	1.0			

PERFORMANCE DATA

P_{1n} [kW]	n_2 [r/min]	M_{2n} [Nm]	i Nominal	i Actual	F_{r2} [N]	f_s			
3.0	112	240	12.5	12.49	3510	2.0	RO58B	100B5/B14	100LB4
	142	189	10	9.84	3240	2.0			
	187	144	7.5	7.48	2950	2.1			
4.0	93	388	30	30.24	2950	0.9	RO48B	112B5/B14	112M2
	111	323	25	25.19	2770	0.9			
	141	254	20	19.84	2560	0.9	RO48B	112B5/B14	112M2
	186	194	15	15.09	2340	1.0			
	224	160	12.5	12.49	2190	1.9	RO48B	112B5/B14	112M2
	285	126	10	9.84	2030	1.9			
	374	96	7.5	7.48	1850	2.1	RO48B	112B5/B14	112M2
	112	320	12.5	12.49	2770	0.9			
	142	252	10	9.84	2550	1.0	RO48B	112B5/B14	112M4
	187	192	7.5	7.48	2330	1.0			
	70	515	40	40.13	4110	0.9	RO58B	112B5/B14	112M2
	93	388	30	30.24	3740	1.3			
	111	323	25	25.19	3520	1.5	RO58B	112B5/B14	112M2
	141	254	20	19.84	3250	1.5			
	186	194	15	15.09	2960	1.6	RO58B	112B5/B14	112M2
	224	160	12.5	12.49	2780	3.0			
	285	126	10	9.84	2570	3.0	RO58B	112B5/B14	112M2
	374	96	7.5	7.48	2340	3.1			
	112	320	12.5	12.49	3510	1.5	RO58B	112B5/B14	112M4
	142	252	10	9.84	3240	1.5			
	187	192	7.5	7.48	2950	1.6	RO58B	112B5/B14	112M4

PERFORMANCE DATA

M _{2 max} [Nm]	n ₂ [r/min]	i Nominal	i Actual	P _{1n} [kW]	Fr ₂ [N]	Fr ₁ [N]	
130	4.8	300	291.79	0.07	4100	400	RO28C
130	5.7	250	244.29	0.08	4100	400	
130	7.0	200	200.44	0.10	4100	400	
130	9.5	150	146.67	0.14	4000	400	
130	11.6	125	120.34	0.17	3770	400	
100	13.9	100	101.04	0.16	3560	400	
80	18.8	75	74.62	0.17	3220	400	
130	24	60	58.36	0.35	2960	400	RO28B
130	29	50	48.86	0.41	2790	400	
130	35	40	40.09	0.51	2610	400	
130	48	30	29.33	0.69	2350	400	
130	58	25	24.07	0.84	2200	400	
100	69	20	20.21	0.77	2080	400	
80	94	15	14.92	0.84	1880	400	
130	112	12.5	12.47	1.6	1770	400	
100	134	10	10.47	1.5	1670	400	
80	181	7.5	7.73	1.6	1510	400	
200	4.6	300	302.50	0.11	4800	400	RO38C
200	5.7	250	243.57	0.13	4800	400	
180	7.1	200	196.43	0.15	4800	400	
200	9.2	150	151.56	0.21	4650	400	
180	11.5	125	122.22	0.23	4330	400	
150	13.8	100	101.27	0.24	4070	400	
110	19.1	75	73.33	0.24	3650	400	
200	23	60	60.50	0.52	3430	530	RO38B
200	29	50	48.71	0.64	3190	530	
180	36	40	39.29	0.71	2970	530	
200	46	30	30.31	1.0	2720	530	
180	57	25	24.44	1.1	2530	530	
150	69	20	20.25	1.2	2380	530	
110	95	15	14.67	1.2	2130	530	
180	110	12.5	12.67	2.2	2030	530	
150	133	10	10.50	2.2	1910	530	
110	184	7.5	7.60	2.3	1710	530	
350	4.7	300	297.21	0.19	6500	560	RO48C
350	5.8	250	240.89	0.23	6500	560	
300	7.0	200	200.66	0.24	6500	560	
350	9.3	150	151.20	0.37	6500	560	
300	11.1	125	125.95	0.38	5980	560	
240	14.1	100	99.22	0.39	5520	560	
200	18.6	75	75.45	0.42	5040	560	
350	24	60	59.44	0.92	4660	860	RO48B
350	29	50	48.18	1.1	4340	860	
300	35	40	40.13	1.2	4080	860	
350	46	30	30.24	1.8	3720	860	
300	56	25	25.19	1.9	3500	860	

PERFORMANCE DATA

$M_{2 \max}$ [Nm]	n_2 [r/min]	i Nominal	i Actual	P_{1n} [kW]	Fr_2 [N]	Fr_1 [N]	
240	71	20	19.84	1.9	3230	860	R048B
200	93	15	15.09	2.1	2950	860	
300	112	12.5	12.49	3.7	2770	860	
240	142	10	9.84	3.8	2550	860	
200	187	7.5	7.48	4.2	2330	860	
500	4.7	300	295.18	0.27	8300	560	R058C
500	5.8	250	240.89	0.33	8300	560	
480	7.0	200	200.66	0.38	8300	560	
500	9.3	150	151.20	0.53	8050	560	
480	11.1	125	125.95	0.61	7580	560	
380	14.1	100	99.22	0.61	7000	560	
300	18.6	75	75.45	0.63	6390	560	
500	24	60	59.04	1.3	5890	1260	R058B
500	29	50	48.18	1.6	5500	1260	
480	35	40	40.13	1.9	5170	1260	
500	46	30	30.24	2.6	4710	1260	
480	56	25	25.19	3.0	4430	1260	
380	71	20	19.84	3.0	4090	1260	
300	93	15	15.09	3.1	3730	1260	
480	112	12.5	12.49	6.0	3510	1260	
380	142	10	9.84	6.0	3240	1260	
300	187	7.5	7.48	6.3	2950	1260	

NOTE

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NOTE

This image shows a full page of a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, providing a guide for writing. There are no margins, text, or other markings on the paper.

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