

Gearboxes

	COOLER SIZE	GEAR RATIOS		MAX DIESEL HP/100RPM PLEASURE USE	FLANGE SIZE	LIST	BOAT-BUILDER £	
TMC 40	—	1.5	2.0 (2.6)	0.9(0.7)	4"	€662	454	
PRM 80	—		2.0 [2.5]	1.3(0.9)	4"	£490	366	
ZF 10M (HBW100)	(L.H. only) H		2.0 (2.7)	1.4(0.9)	4"	£675	540	
TMC 60	(L.H. only) TM	1.6	2.0 (2.5) [2.9]	1.6(2.2)[1.1]	4"	€874	638	
PRM 120	—		2.0 (2.5) [2.9]	1.7(1.5)[1.3]	4"	£663	495	
ZF 12	1		2.1 (2.6)	1.8(1.5)	4"	£1166	932	
ZF 12M (HBW125)	(L.H. only) H		2.1 (2.6)	1.8(1.6)	4"	£1146	916	
ZF 15M (HBW150)	(L.H. and 54 H.P.+)	1.6	1.9	2.0	4"	£1439	1151	
ZF 15MA	(L.H. and 54 H.P.+)	1.9	2.1 (2.6)	2.0(1.5)	4"	£1598	1278	
ZF 15MIV, 15° V-Drive	(L.H. and 34 H.P.+)		2.1 (2.7) [3.0]	2.0(1.5)	4"	£2403	1922	
PRM 150	1	1.5	2.1 2.8	2.1	4"	£936	699	
ZF30M	H		2.1 2.7	3.2	4"	£1871	1496	
ZF 25	1		2.0 (2.8)	4.4(3.5)	4"	£1625	1300	
ZF 25A	1	1.5	1.9 2.3 (2.7)	4.4(3.5)	4"	£1625	1300	
Techno Drive TMC260	(L.H. only) TM	1.5	2.0 (2.5) [2.9]	3.6 (2.5)	4"	€1126	822	
PRM 260 Drop Centre	1		2.0 2.9	3.6	5"	£1348	1005	
PRM 260 Coaxial	2		2.0 2.9	3.6	5"	£1688	1359	
ZF 25M (HBW250)	(L.H. and 54 H.P.+)		1.9 2.3 (2.7)	3.6(2.4)	4"	£1700	1360	
ZF 25MA	(L.H. and 54 H.P.+)		2.2 (2.7)	3.6(2.4)	4"	£1700	1360	
Techno Drive 345	1	[1.5]	2.0 (2.5)	[4.8]3.9(2.9)	5"	€1714	1252	
Techno Drive 345A	1	[1.5]	2.0 (2.5)	[4.8]3.9(2.9)	5"	€1798	1313	
Velvet Drive 71	1	1.0		5.7	4"	£1564	1303	
Techno Drive TM200B	2		3.6 4.4	5.9 (work)	7?" TD	€4681	3419	
Techno Drive TM93	2	1.5	2.1 (2.4) [2.8]	6.2 (4.8)	5"	€2176	1589	
ZF 45-1	1		2.2 2.5 3.0	6.3	5?"	£2322	1578	
ZF 45A	1	1.3	1.5 2.0 (2.4)	6.3 (5.9)	5"	£2203	1492	
PRM 500 Drop Centre	2		1.5 1.9 (2.6) (2.9)	6.4(6.2)	5?"	£1910	1525	
Techno Drive TM93A	2		1.5 2.1 2.4	6.6 (4.8)	5"	€2260	1651	
Techno Drive TM485A	2		1.5 2.1 (2.4)	6.7 (5.9)	5"	€2238	1635	
Velvet Drive 72	1	1.0		8.6	5"	£1825	1521	
Velvet Drive 72	2		1.5 2.6	8.6	5"	£2657	2214	
Velvet Drive 72	2		2.1 2.9	7.1	5"	£2920	2344	
Velvet Drive 72	2		1.9	7.1	5"	£3576	2980	
ZF45IV, 20° V-Drive	2	1.2	1.5	7.4	4"	£2638	2110	
ZF 45C	1	1.0		7.6	4"	£1434	1147	
PRM 750 Drop Centre	3			8.0	5?"	£2377	1912	
ZF 63	1	1.5	1.8 1.9 (2.5) (2.8)	9.6(7.9)	5"	£2860	2288	
ZF 63A	1	1.2	1.6 2.0 (2.5) (2.7)	9.6(8.4)	5"	£2590	2072	
ZF 63IV, 12° V-Drive	2	1.3	1.6 2.0 (2.5)	8.7(8.0)	5"	£3423	2738	
ZF 63C	1	1.0		9.6	5"	£1554	1243	
Techno Drive TM170	2		1.5 2.0 (2.5) [2.9]	10.5 (7.2)	5"	€2504	1829	
Techno Drive TM170A	2		1.5 2.1 (2.6)	10.5 (8.4)	5"	€2571	1878	
PRM 750 Drop Centre	2	(1.1)	(1.5) 1.9 [2.6] [2.9]	(10.5)9.5[8.0]	5?"	£2099	1623	
PRM 750 Coaxial	3	(1.1)	(1.5) 1.9 [2.6] [2.9]	(10.5)9.5[8.0]	5?"	£2451	1973	
8° down angle input on PRM 500 & 750	+1			9.6		£750	628	
ZF 80 A	2		1.6 1.8 2.0 (2.5)	13.2(12.1)[11.4]	5?"TD	£3468	2774	
ZF 80 IV, 12° V-Drive	2		1.6 2.0 2.5	11.4	5?"TD	£4603	3682	
ZF 88C	2	1.0		12.3	5"	£1997	1597	
Twin Disc MG 5050 SAE3	2HP	1.2	1.5 1.7 2.0 2.4 3.0	11.4	5?"TD	€5431	4062	
Twin Disc MG 5050A, SAE3, 10°	2HP	1.1	1.5 1.8 2.0 (2.5)	13.0(11.4)	5?"TD	€5431	4062	
Twin Disc MG 5050V, 10°, V-Drive	2HP	1.1	1.5 1.8 2.0 2.5	11.4	5?"TD	€5976	4469	
ZF 220 A	2HP	1.2	1.5 1.8 2.0 (2.5)	12.5 (11.3)	4?"TD	£3520	2816	
ZF220V, 10° Remote V-Drive	2HP	1.2	1.5 1.7 2.0 (2.4)	12.5 (11.5)	5?"TD	£4370	3496	
Techno Drive TM360	3HP		3.0 3.5 4.0	11.5 (work)	240mm	€7941	5800	
PRM 1000 Drop Centre	3			4.0	11.5	7?"	£3331	2681
PRM 1000 Drop Centre	2			2.9	11.5	5?"	£3091	2488
Techno Drive TM880A	2		1.5 2.1 (2.6)	12.3 (8.4)	5"	€2613	1909	
ZF 220	2HP	1.0	1.5 2.0 2.5 3.0	13.2(11.5)	5?"TD	£3618	2894	
Techno Drive TM265A	3		1.4 2.1 2.3	13.7 (12.5)	5?"TD	€3889	2841	
PRM 1000 Drop Centre	2		1.5 (2.0)	14.4(12.6)	5?"	£2896	2331	
10° down angle input on PRM 1000	+2			13.0	—	£769	615	
ZF85A	2	1.2	1.6 1.8 2.0 2.5	14.9	5?"TD	£4032	3225	
ZF85IV, 12° V-Drive	2		1.6 2.0 2.5	14.9	5?"TD	£5387	4309	
Twin Disc MG 5061 SAE3	3HP	1.1	1.5 1.8 2.0 2.4	14.3	5?"TD	€7076	5292	
Techno Drive TM265	3	1.2	1.5 2.1 2.8	14.8	5?"TD	€3647	2664	
Twin Disc MG 5062V SAE3, V-Drive	3HP	1.2	1.5 1.8 2.1 2.5	15.3	5?"TD	€9564	7152	
Twin Disc MG 5061A SAE3	3HP	1.1	1.5 1.8 2.0 (2.5)	16.5(15.3)	5?"TD	€7076	5292	
ZF 280 IV	3HP	1.2	1.6 1.8 2.0 2.6	17.2	5?"TD	£5561	4448	
ZF 280-I	3HP	1.0	1.5 2.0 2.5	20.0	5?"TD	£4446	3556	
ZF 280-IA	3HP	1.1	1.5 1.8 2.0	18.0	5?"TD	£4533	3626	
Techno Drive TM1200A	4HP		1.4 2.0 (2.3)	19.6 (16.7)	7?"TD	€4605	3364	
PRM 1500DC SAE1, 2	4HP		3.1 3.9 4.5 (4.9)	21(18.3)	10?"	£6378	4018	
PRM 1500SC SAE3	3HP	1.2	1.6 1.9 2.2 2.6 (3.0)	21.0(18.9)	7?"TD	£4957	3123	
PRM 1750DC SAE1, 2	5HP		3.1 3.9 4.5 (4.9)	WORKBOATS	10?"	£6378	4018	
PRM 1750SC SAE3	4HP	1.2	1.6 1.9 2.2 2.6 3.0	ONLY	7?"TD	£4957	3123	

Gear ratios in *italics* are generally made to order and may take some weeks. Remainder are normally available for prompt delivery. For commercial operation, request further information.

Where list prices are given in Euros (€) Boatbuilder prices may vary with exchange rate changes.

GEARBOX SPARES MODEL	HBW 100 71/72	HBW 125 ZF10M	HBW 250 ZF12M	DELTA ZF25M	160 PRM 150	PRM 260	PRM 302/402 500/750	PRM 1000
ITEM	£	£	£	£	£	£	£	£
Seal and gasket kit	49	28	38	38	15	19	28	36/51
Clutch pack, forward, (with thrust)	202	(98)	(99)	(153)	87	143	161	234/208

Accessories for gearboxes

NETT BOATBUILDER £

	SAE.1	SAE.2	SAE.3	SAE.4	SAE.5	B/W	
Steel Flywheel Housing Cover, machined for selected gearbox	£358	£270	£245	£215	£180	£135	
Cast Iron Flywheel Housing Cover for PRM 1000	£217	£239	£120	—	—	—	
Cast Iron Flywheel Housing Cover for PRM 260-750	—	£116	£98	£94	£84	£57	
Flywheel Housing Cover for ZF 220-280 and 45H	£566	£225	£190	£212	—	£212 (not 280)	
Aluminium Flywheel Housing Cover for PRM with mounting feet	—	£286	£269	£254	—	—	
Aluminium Flywheel Housing Cover for B/W and ZF 45A to 80 (steel)	—	£203	£189	£162	£161	—	
Aluminium Flywheel Housing Cover for B/W and ZF 45A to 80, with mounting feet	—	£279	£257	£235	—	—	
Aluminium Flywheel Housing Cover for PRM 120-150, ZF 40M-150M or ZF250M	—	—	—	£95	£81	£43	
B/W Housing Spacer, 10, 16, 22 or 28mm thick							62
Live P.T.O. for PRM 500 or 750, size B flange (for 1000 & 1500/1750 P.O.A.)							225
Clutched P.T.O. for PRM 1000, size B flange (+1 on oil cooler size)							375
Clutched P.T.O. for PRM 1500, size B flange (+1 on oil cooler size)							557
Hydraulic pump to suit above P.T.O. assemblies, 46-110 L/min/1500 RPM, 200 Bar							from 380
Troll Valve for PRM Gearboxes, 260 to 1500 (increase cooler size by 1), with 3m harness							1243
Electric shift control valve on PRM 260-1500, in lieu of standard (retrofit £805)							705
Electric shift control valve on ZF 25 to 85, in lieu of standard, ('C' boxes £250)							340
Electric shift control valve on ZF 220PL and 280, in lieu of standard							49
Oil filter blanking kit for PRM models 100, 140, 175 & 265							7
Gear shift attachment kit for PRM 120, Techno 60	35						19
Gear shift attachment kit for PRM 150	37						19
Gear shift attachment kit for PRM 260-1000	43						extra £53
Gear shift attachment kit for Velvet Drive	43						43
Gear shift attachment kit for Twin Disc MG5010-507	43						4
							19
							19
							extra £53
							43
							4

GEARBOX TO SHAFT COUPLINGS

NETT BOATBUILDER £

		MAX HP/100 RPM		
Flexible flange coupling 4" types 001, 002, 013, 014, 019, 020, 028, 043	(types 004, 005, 7HP/100 £49)	3 & 5	(double-flex £111)	42
Solid or clamp-on propeller shaft half coupling, 4" for 1", 1 1/2" or 1 3/4" shafts, or metric, stock sizes only				45
Flexible flange coupling 5" types 009, 012, 036, 037, 044	(type 029, 20HP/100 £132)	13	(double-flex £220)	76
Solid or clamp-on propeller shaft half coupling, 5" for 1", 1 1/2", 1 3/4" or 1 7/8" shafts, or metric, stock sizes only				68
Flexible flange coupling 5 1/2" type 003	(type 006 Twin Disc £132)	20	(double-flex £312)	110
Flexible flange coupling 5 1/2" Heavy Duty type 025	(type 026 Twin Disc £170)	28	(double-flex £390)	149
Solid or clamp-on propeller shaft half coupling, 5 1/2" for 1", 1 1/2", 1 3/4", 2", 2 1/2" or 2 3/4" shafts, or metric, stock sizes only				95
Flexible flange coupling 7 1/2" types 017, 018, 032, 033		40		261
Solid propeller shaft half coupling 7 1/2" bored and keywayed, stock sizes	(up to 2" tapered £299)			165
Clamp-on propeller shaft half coupling 7 1/2" for shafts up to 2 1/2" and 65mm				255
Flexible flange coupling 9" for Twin Disc types 038, 039, 040		59		404
Solid propeller shaft half coupling 9" bored and keywayed, stock sizes	(up to 2 1/2" tapered £410)			278
Adaptor 9" to 5 1/2" or 7 1/2" half coupling				138
Adaptor 4 1/2" to 5 1/2" half coupling				92
Adaptor/spacer for 5 1/2" to 5" half coupling				44
Adaptor 4" to 5" half coupling				34
4" Bobbin to connect two 4" flexible couplings together, or to act as 88mm shaft extender				27
5" Bobbin to connect two 5" flexible couplings together, or to act as 125mm shaft extender				68
5 1/2" Bobbin to connect two 5 1/2" flexible couplings together, or to act as 149mm shaft extender				92

	Shaft size	HP/100	Kg thrust	P.O.A.
Aquadrive double universal joint, thrust bearing, gearbox adaptor & shaft coupling				P.O.A.
Python-Drive P30-R double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	? to 1 1/2" (19 - 30mm)	4.1	438	393
A-flex P108 double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	? to 1 1/2" (19 - 30mm)	6.8	438	398
Python-Drive P60-K double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	1 1/2" to 1 3/4" (30 - 40mm)	8.2	581	431
A-flex P113 double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	1 1/2" to 1 3/4" (30 - 45mm)	9.7	1071	451
Python-Drive P80-S double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	1 1/2" to 1 3/4" (30 - 45mm)	11	1224	593
A-flex P115 double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	1 3/8" to 2" (35 - 50mm)	11	1275	557
Python-Drive P110-S double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	1 3/8" to 1 3/4" (35 - 45mm)	15	1224	657
A-flex P125 double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	1 3/8" to 2" (35 - 50mm)	15	1836	971
Python-Drive P110-T double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	1 3/8" to 2" (35 - 50mm)	15	1836	831
Python-Drive P140-T double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	1 1/2" to 2 1/8" (40 - 55mm)	19	1836	1063
Python-Drive P200-T double C.V. universal joint, thrust bearing, gearbox adaptor & shaft coupling	1 1/2" to 2 1/2" (40 - 60mm)	27	1836	1471
Propeller driven alternator, 12v, 27amp, 20cm pulley, control and warning light				251
Fitting kit to suit selected gearbox or Stringer mount				P.O.A.

FLYWHEEL DRIVE PLATES

BOATBUILDER £

R&D TYPE			PART NUMBERS		
GEARBOX MODELS	RATING HP/100 RPM	BACKPLATE DIAMETERS	GEARBOX	ELEMENT	BACKPLATE
ZF5M-15	1.1	151mm	22	A	16
ZF5M-15, PRM260, B/W	1.9	6 1/8"	22/13/2	B	4
ZF5M-15, PRM260, B/W	1.1	9 1/4"	22/13/2	A	48
ZF5M-15	1.9	9 15/16", 10 3/8", 12 1/8"	22	B	18/19/20
ZF5M-15, PRM260, PRM500, B/W	3.8	9 15/16", 10 3/8", 12 1/8", 13 1/4"	43/45/46/42	AG	129/130/131/96
PRM260, PRM500, B/W	4.8	12 1/8"	14/18/3	G	21
PRM260, PRM500, B/W	7.6	14 1/4", 15 3/4"	14/18/3	M	22/23
PRM500, B/W	7.6	14 1/4", 15 3/4", SAE 11.1/2	49/48	AD	22/23/5
PRM500, PRM1000, B/W	10.5	15 3/4", SAE 11.1/2	31/21/4	P	23/86
PRM500, PRM1000, B/W	11.4	15 3/4", SAE 11.1/2	52/51/50	AE	23/101
PRM1000, SCG 32-spline	14.3	19"	21/27	S	30
PRM1500, ZF280	22.8	SAE 11.1/2, SAE 14	55/58	Z	78/79
PRM1500, ZF280	28.6	SAE 11.1/2, SAE 14	55/58	AH	78/79

SURCHARGES FOR SPECIAL BACKPLATES - ON APPLICATION

CENTAFLEX TYPE					
CFDS 15 B/W, ZF 5A-15, PRM260	2.1	SAE 6?, 7?	from £192	First stage repair, rubbers and circlip	from £18
CFDS 22 B/W, ZF5M-15, PRM260 & 500	9.2	SAE 6?, 7?	from £213	First stage repair, rubbers and circlip	from £20
CFDS 25 B/W, ZF5M-15, PRM260 & 500	9.7	SAE 8, 10, 11?	from £213	First stage repair, rubbers and circlip	from £22

GEARBOX OIL COOLERS

NETT BOATBUILDER £

Gearbox oil cooler kit, size H and TM	(TH2 £98)	60	Gearbox oil cooler kit, with hoses, size 3 (£20 extra for HP)	194
Weld-on, contact cooled oil cooler kit, with hoses		90	Gearbox oil cooler kit, with hoses, size 4 (£20 extra for HP)	211
Gearbox oil cooler kit with hoses, size 1 (£10 extra for HP) (PRM150 £110)		126	Gearbox oil cooler kit with hoses, size 5 (£20 extra for HP)	220