



**Innovative Power Transmission**

# Tunnel Gearboxes



# Tunnel Gearboxes

*Power Take Off / Power Take Home  
Systems  
for Slow Speed Engines*





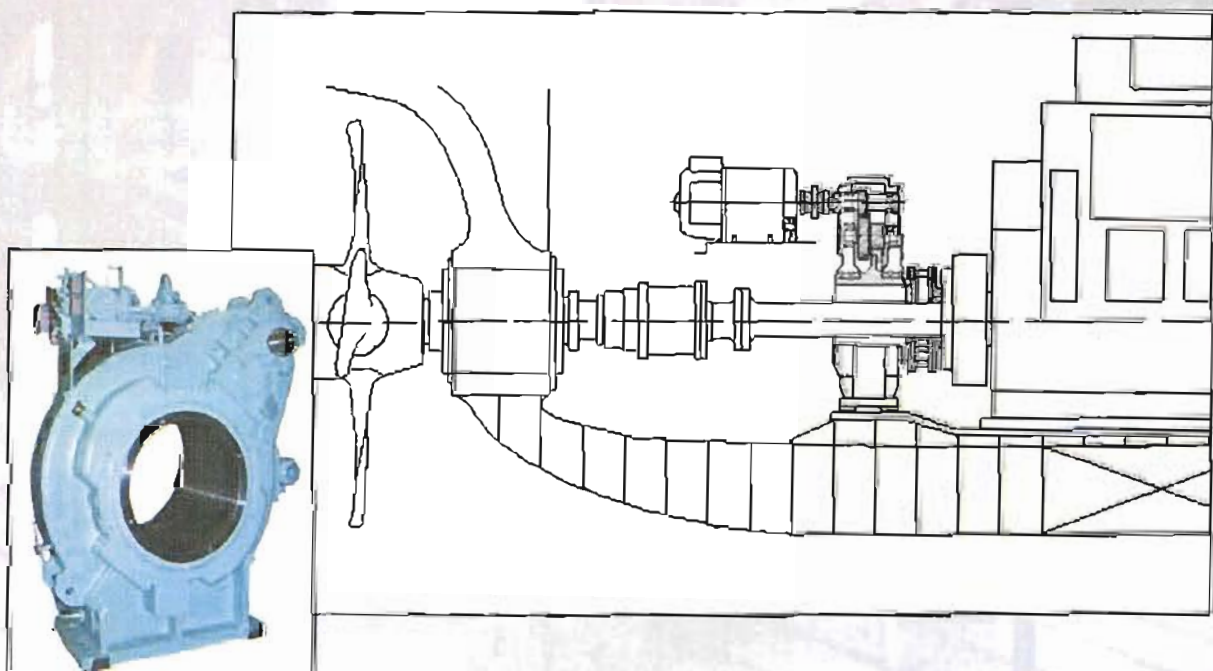


# TYPE : SHHII

***Power Take Off (PTO)  
Applications & Advantages***

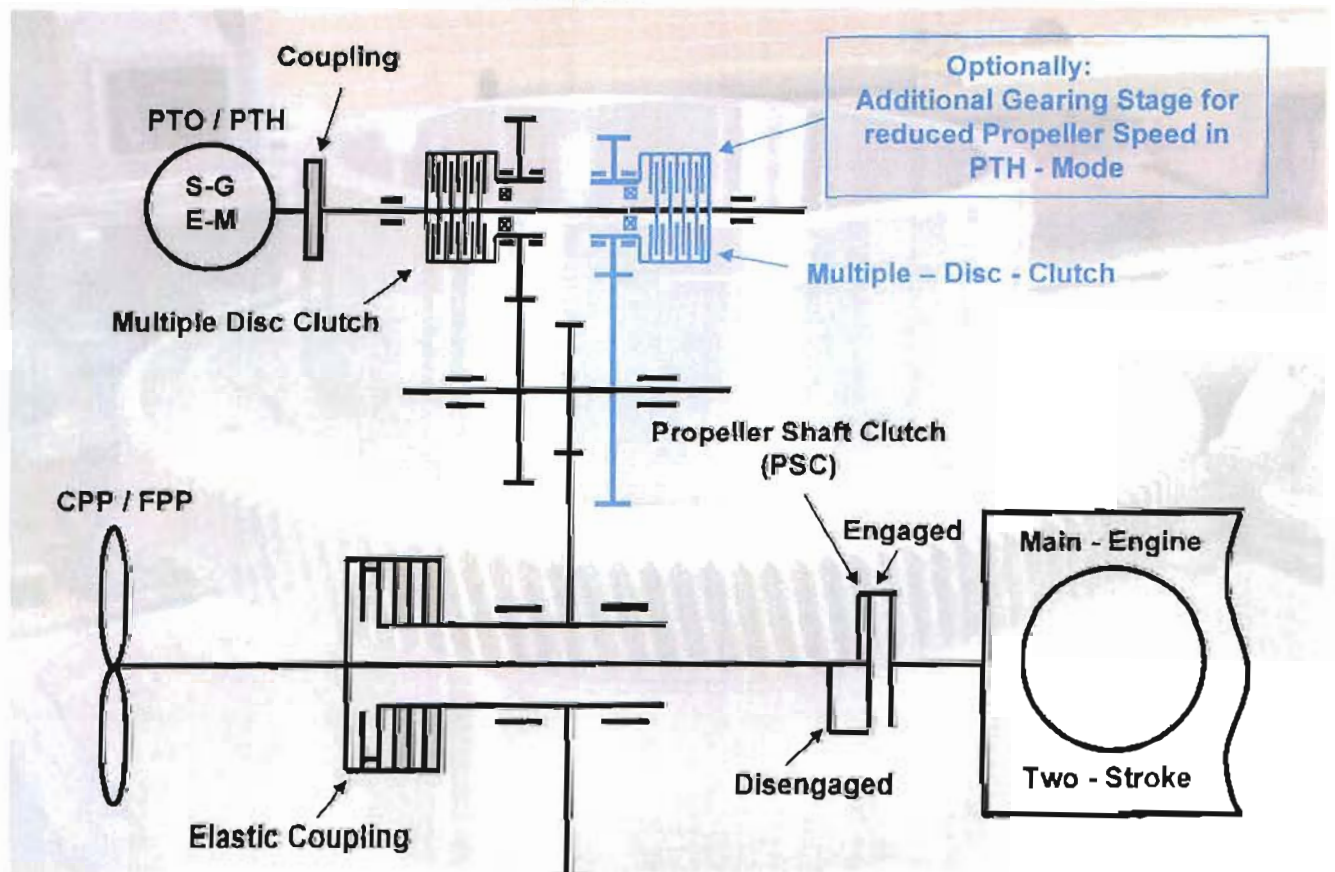
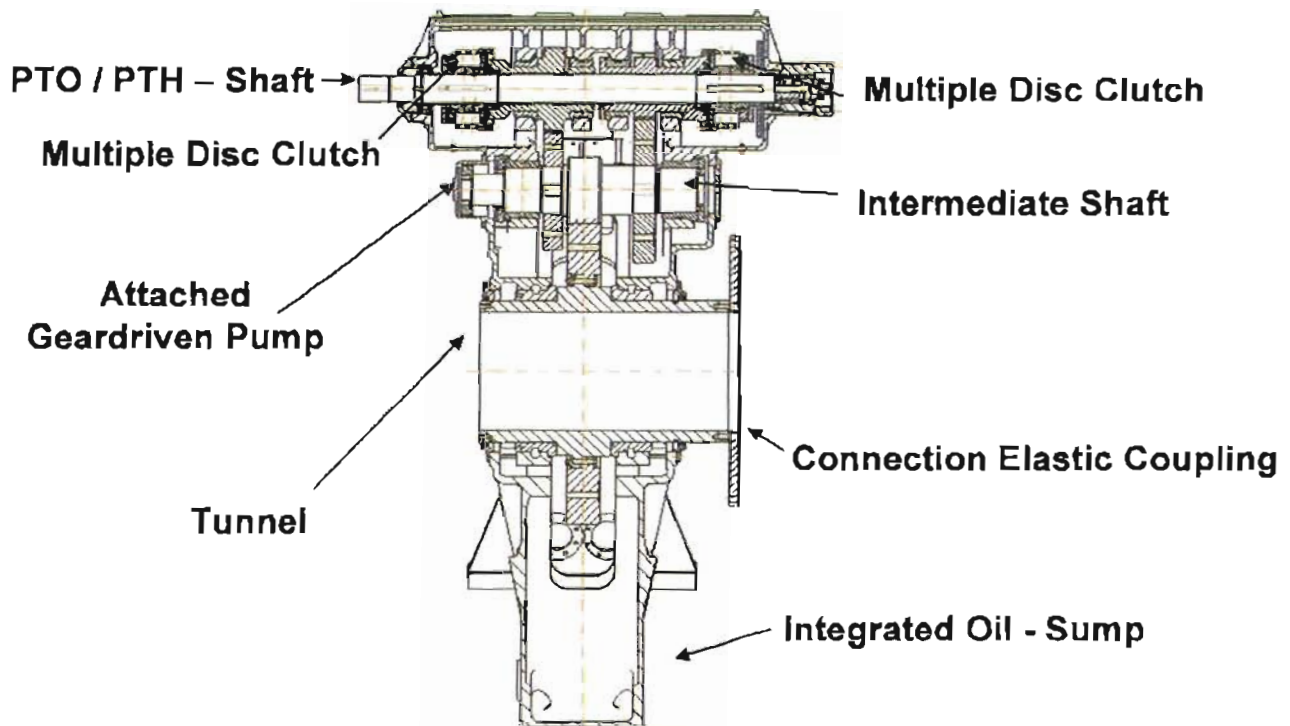


- **Generation of electric energy by slow speed main engine**
- **Fuel cost reduction by utilisation of good main engine efficiency**
- **Shut down of diesel-generator during sea voyage**
- **Reduction of maintenance and spare part costs**
- **Application of standard, high-speed generator**
- **Utilisation of space behind M.E. flywheel for tunnel gearbox installation**
- **Freestanding, independent gearbox system with integrated oil system**
- **Protection of generator and gearbox from torsional vibration through elastic coupling**



# TYPE : SHHLII

*Power Take Off / Power Take Home  
(PTO / PTH)*







# TYPE : SHHLII

***Power Take Off / Power Take Home  
(PTO / PTH)***

***Applications & Advantages***



- **Combined dual-use and independent system for single screw vessel**
  - **Generation of electricity with slow speed M.E.**
  - **Power take home (PTH) system with disconnected M.E.**
  - **Power boosting capability (optional)**
- **Improvement of ship's safety**  
**Redundant electric propulsion system**
- **Reduction of operating costs**  
**No demand for stand-by tug during M.E. maintenance in port**
- **Flexibility of operation**  
**Additional slow steaming mode by electrical propulsion**
- **Efficiency improvement capability (optional)**  
**Reduction of propeller speed to approx. 60% of nominal speed at power take home mode**



# TYPE : SHHLII

***Power Take Home (PTH)  
Economical Simplified Emergency  
Drive***

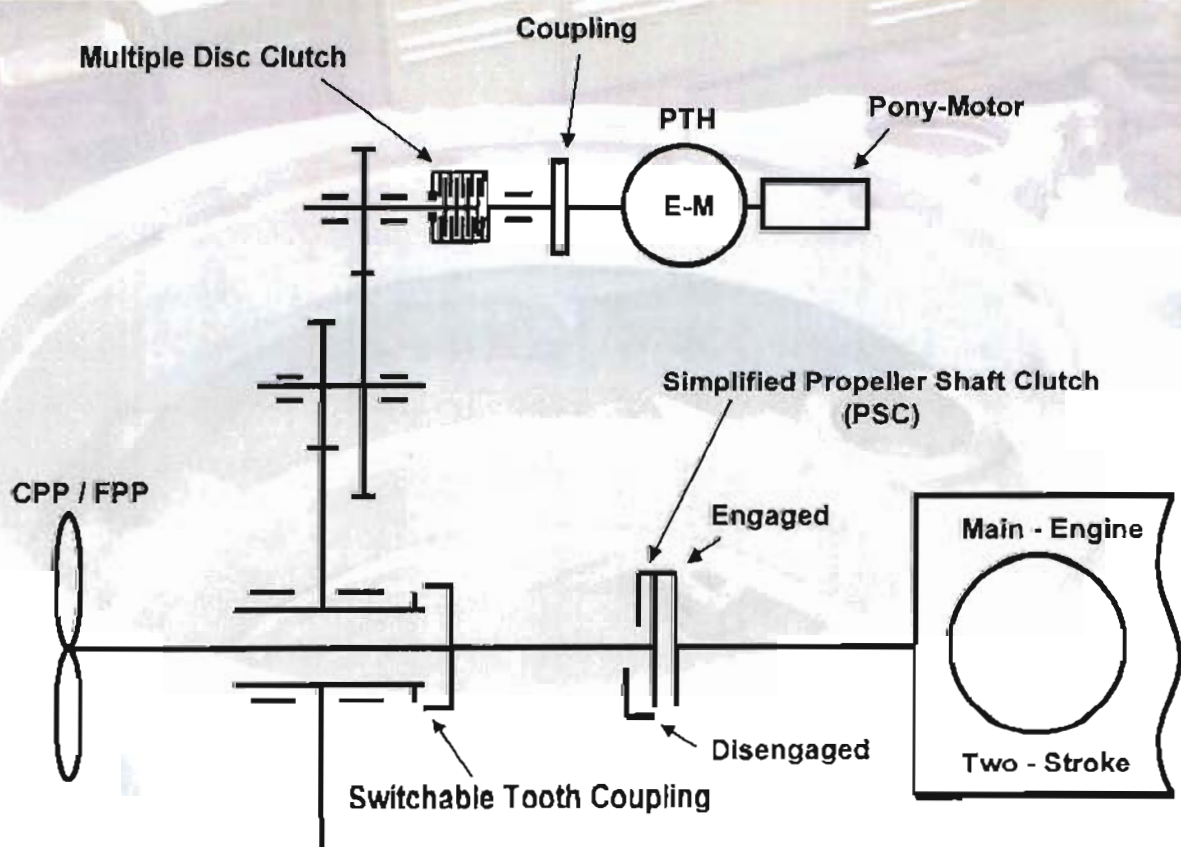


## **Normal operation**

- **M.E. connected to propeller via engaged PSC**
- **Tunnel gearbox out of operation**  
**Disconnected by disengaged tooth coupling**
- **No power, no movement and no wear in emergency train**

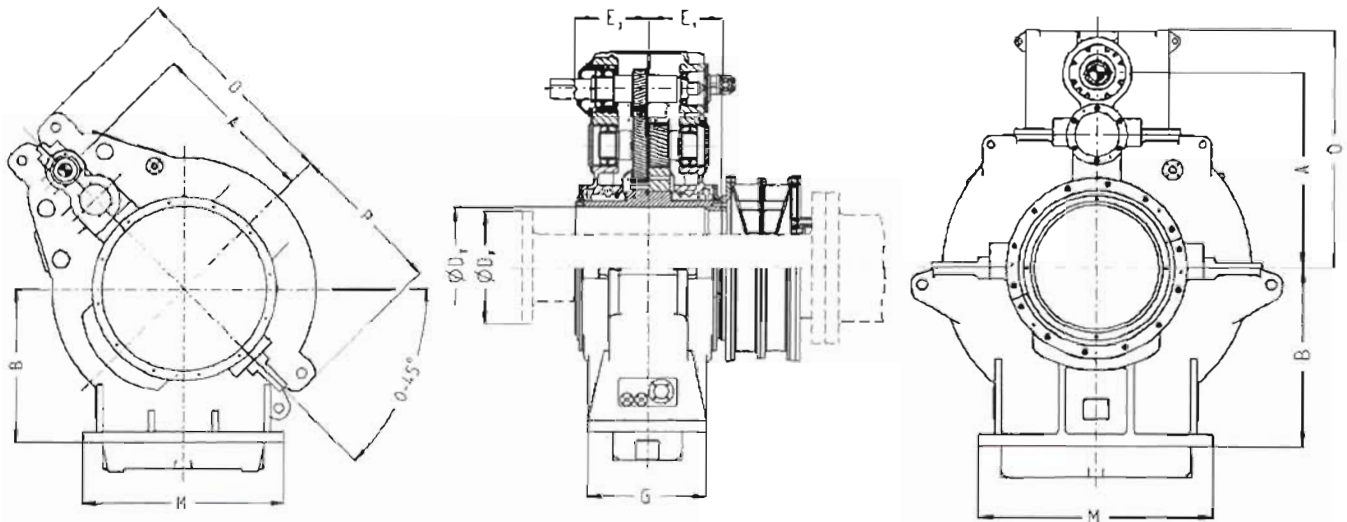
## **Emergency operation**

- **M.E. disconnected from propeller via disengaged PSC**
- **Tunnel gearbox in operation**  
**Connected by engaged tooth coupling**
- **E-Motor propulsion mode via multiple disc clutch and tunnel gearbox**





# Dimension Table



Size	Housing						Output	Input
	A	B	G	M	O	P	E <sub>2</sub>	E <sub>1</sub>
1135	1135	1040	1140	1360	1600	960	450	490
1280	1280							
1430	1430	1300	900	1700	2000	1200	560	550
1600	1600							

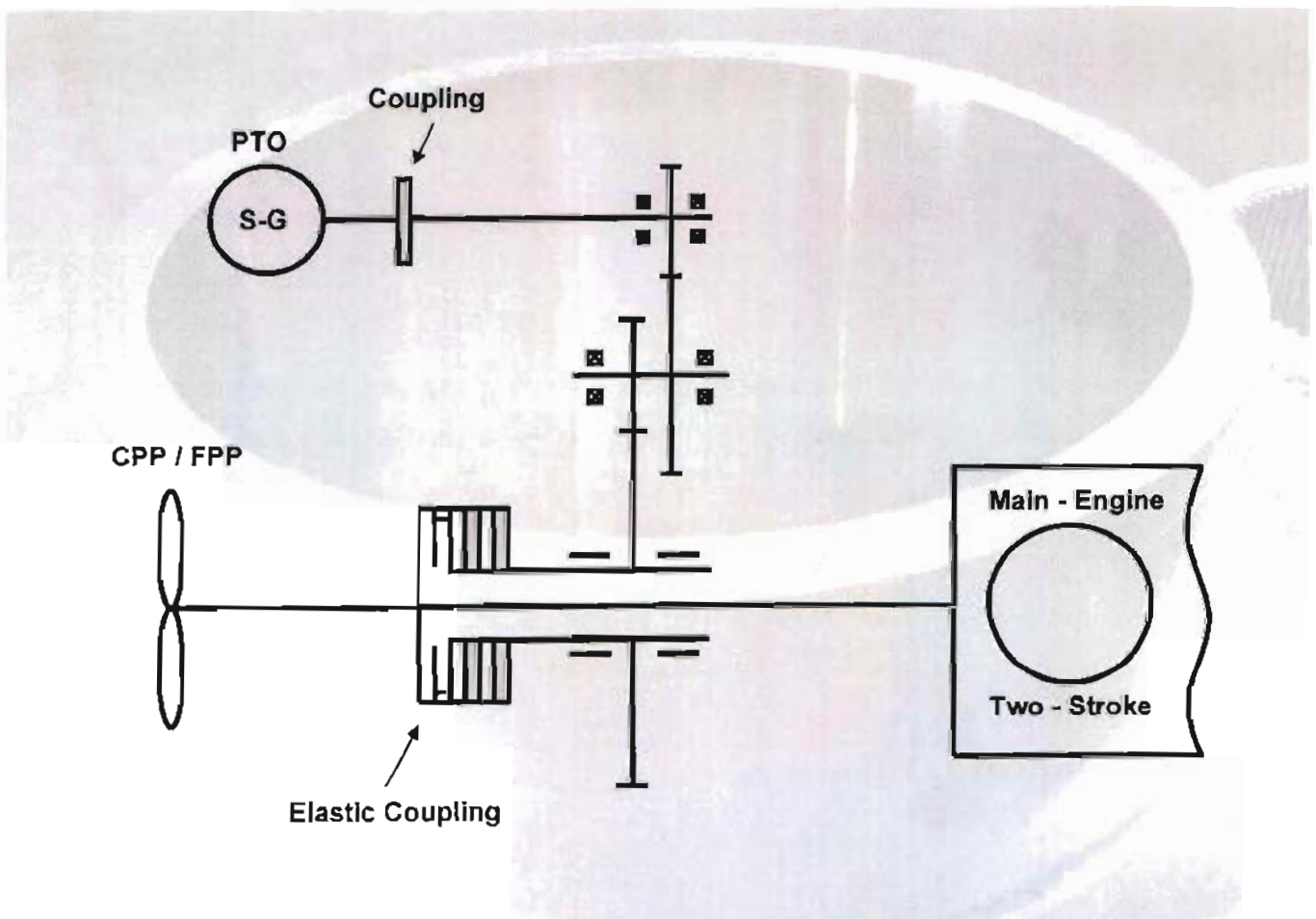
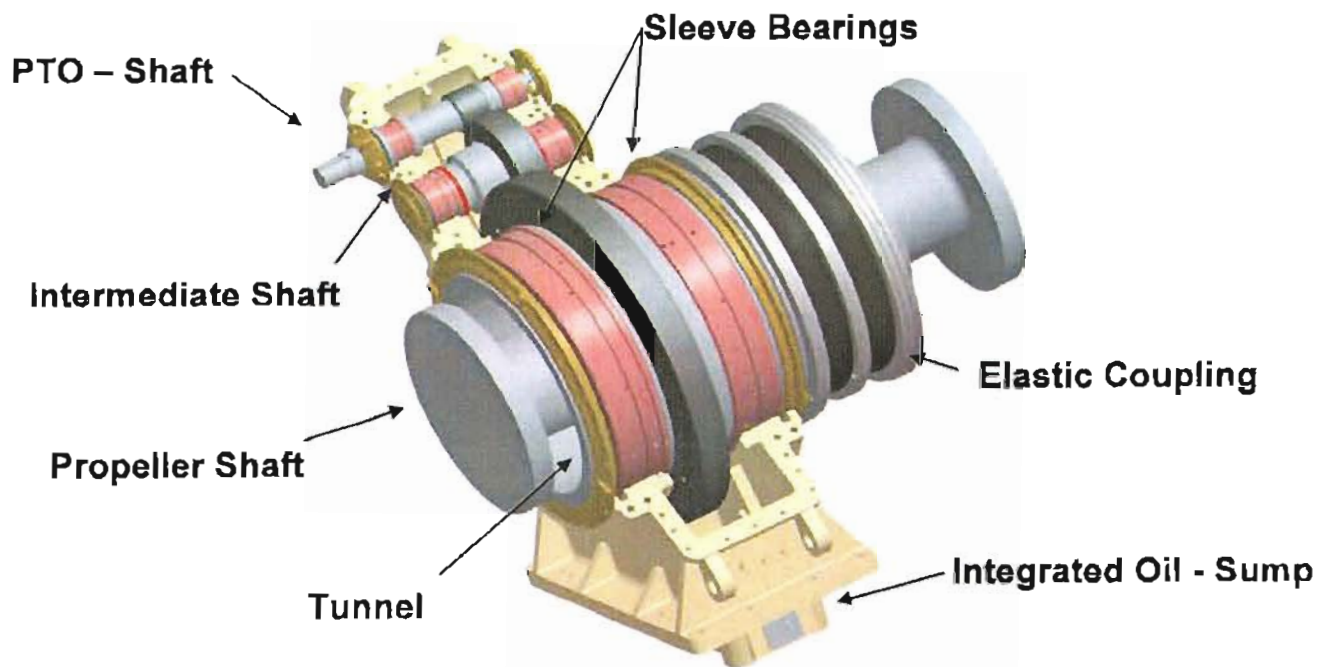
Size	Shaft tunnel diameter D <sub>1</sub> (mm)			
	610	760	900	1090
	Maximum flange diameter D <sub>2</sub> (mm)			
	600	750	890	1080
	Weight (to)			
	1135	5.3	6.9	
	1280	6.6	7.2	7.6
	1430	9.8	10.1	10.8
	1600	10.4	11.1	11.4

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**Internet: <http://www.renk.eu>**



# TYPE : SHHII

*Power Take Off (PTO)*





# Marine Gearboxes

Com. No.	Shipyard	Nat.	Hull No.	Engine	Power	In [rpm]	Power [kW]	Out [rpm]	Gear Type	Class	Year	Ship Owner	Nat.	Shipname	Ship type
870662	Nam Trieu	VN	PCTC 6900 NT-04	MAN B&W	14280	105	2130	1800	SHH II-1600/150	DNV	2007	Hoegh Fleet Service	NO		
870661	Nam Trieu	VN	PCTC 6900 NT-03	MAN B&W	14280	105	2130	1800	SHH II-1600/150	DNV	2007	Hoegh Fleet Service	NO		
870659	Nam Trieu	VN	PCTC 6900 NT-02	MAN B&W	14280	105	2130	1800	SHH II-1600/150	DNV	2007	Hoegh Fleet Service	NO		
870658	Nam Trieu	VN	PCTC 6900 NT-01	MAN B&W	14280	105	2130	1800	SHH II-1600/150	DNV	2007	Hoegh Fleet Service	NO		
869474	INP	KR	H1174	MAN B&W	5920	173	1200	1200	SHH II-1430/610	BV	2007	Lauritz Kosan	DK		
869471	INP	KR	H1173	MAN B&W	5920	173	1200	1200	SHH II-1430/610	BV	2007	Lauritz Kosan	DK		
866986	Kleven Flora	NO	154	MAN B&W	11060	127	1100	1800	SHH II-1280/905	DNV	2006		NL		
866985	Kleven Flora	NO	153	MAN B&W	11060	127	1100	1800	SHH II-1280/905	DNV	2006		NL		
866984	Kleven Flora	NO	152	MAN B&W	11060	127	1100	1800	SHH II-1280/905	DNV	2006		NL		
866983	Kleven Flora	NO	151	MAN B&W	11060	127	1100	1800	SHH II-1280/905	DNV	2006		NL		
865270	INP	KR	H1172	MAN B&W	5920	173	1200	1200	SHH II-1430/610	BV	2006	Lauritzen Kosan	DK		
865267	INP	KR	H1171	MAN B&W	5920	173	1200	1200	SHH II-1430/610	BV	2006	Lauritzen Kosan	DK		
858395	Kleven Flora	NO	150	MAN B&W	11060	127	1100	1800	SHH II-1280/905	DNV	2007	Stolt Nilsen	NL		
858394	Kleven Flora	NO	149	MAN B&W	11060	127	1100	1800	SHH II-1280/905	DNV	2007	Stolt Nilsen	NL		
856581	Wuchang SY	CN	A156L	MAN B&W	4400	173	650	1500	SHH II-1135/615	CCS	2006		CN		Training vesse
856414	Servmash	RU	98090	MAN B&W	10725	97	1500	1800	SHH II-1430/1090	DNV	2008	Odfeil	NO		Chemical Tar
856410	Servmash	RU	98089	MAN B&W	10725	97	1500	1800	SHH II-1430/1090	DNV	2007	Odfeil	NO		Chemical Tar
856406	Servmash	RU	98088	MAN B&W	10725	97	1500	1800	SHH II-1430/1090	DNV	2007	Odfeil	NO		Chemical Tar
856402	Servmash	RU	98087	MAN B&W	10725	97	1500	1800	SHH II-1430/1090	DNV	2006	Odfeil	NO		Chemical Tar
857104	Stoczniia Szczecinska	PL	B568/III/8	W-Sulzer	12750	105	1500	1800	SHH II-1430/1090	DNV	2006	Odfeil	NO		Chemical Tar
857101	Stoczniia Szczecinska	PL	B568/III/7	W-Sulzer	12750	105	1500	1800	SHH II-1430/1090	DNV	2006	Odfeil	NO	BOW SIRIUS	Chemical Tar
856736	INP	KR	1152	MAN B&W	5920	173	1200	1200	SHH II-1430/610	BV	2007	Lauritzen Kosan	DK		LPG Carrier
856733	INP	KR	1151	MAN B&W	5920	173	1200	1200	SHH II-1430/610	BV	2007	Lauritzen Kosan	DK		LPG Carrier
856730	INP	KR	1150	MAN B&W	5920	173	1200	1200	SHH II-1430/610	BV	2006	Lauritzen Kosan	DK		LPG Carrier
856727	INP	KR	1149	MAN B&W	5920	173	1200	1200	SHH II-1430/610	BV	2006	Lauritzen Kosan	DK		LPG Carrier
856724	INP	KR	1148	MAN B&W	5920	173	1200	1200	SHH II-1430/610	BV	2006	Lauritzen Kosan	DK	HELENA KOSAN	LPG Carrier
856721	INP	KR	1147	MAN B&W	5920	173	1200	1200	SHH II-1430/610	BV	2006	Lauritzen Kosan	DK	ISABELLA KOSAN	LPG Carrier
849285	Naval Gijon	ES	610	MAN B&W	8560	127	750	1800	SHH II-1135.1/760	GL	2004	Naval Gijon	ES		
847902	Jos. L. Meyer	DE	0674	MAN B&W	12640	127	1800	1500	SHH II-1430/905	GL	2005	H. H. Wöbbe Nachf.	DE	BARMBEK	Container
847901	Jos. L. Meyer	DE	0673	MAN B&W	12640	127	1800	1500	SHH II-1430/905	GL	2004	H. H. Wöbbe Nachf.	DE	CAS PROSPECT	Container
847900	Jos. L. Meyer	DE	0672	MAN B&W	12640	127	1800	1500	SHH II-1430/905	GL	2004	H. H. Wöbbe Nachf.	DE	REINBEK	Container
847899	Jos. L. Meyer	DE	0671	MAN B&W	12640	127	1800	1500	SHH II-1430/905	GL	2004	H. H. Wöbbe Nachf.	DE	EILBEK	Container

# Marine Gearboxes

Com. No.	Shipyard	Nat.	Hull No.	Engine	Power	In [rpm]	Power [kW]	Out [rpm]	Gear Type	Class	Year	Ship Owner	Nat.	Shipname	ship type
847008	Stocznia Remontowa	PL	1104	MAN B&W	7860	126	1800	1200	SHH II-1430/905	DNV	2004	Royal Arctic Line	DK		Container
843729	Stocznia Szczecinska	PL	B588/III/6	W-Sulzer	12750	105	1500	1800	SHH II-1430/1090	DNV	2003	Odjell	NO	BOW SEA	Chemical Tan
843726	Stocznia Szczecinska	PL	B588/III/5	W-Sulzer	12750	105	1500	1800	SHH II-1430/1090	DNV	2003	Odjell	NO		Chemical Tan
843723	Stocznia Szczecinska	PL	B588/III/4	W-Sulzer	12750	105	1500	1800	SHH II-1430/1090	DNV	2003	Odjell	NO		Chemical Tan
843720	Stocznia Szczecinska	PL	B588/III/3	W-Sulzer	12750	105	1500	1800	SHH II-1430/1090	DNV	2003	Odjell	NO	BOW SPRING	Chemical Tan
837650	3. Maj	HR	687	W-Sulzer	7850	127	1200	1200	SHH II-1600.1/760	GL	2002	Büttner	DE	APATURA	Tanker
837646	3. Maj	HR	683	W-Sulzer	7850	127	1200	1200	SHH II-1600.1/760	GL	2002	Büttner	DE	AURORA	Tanker
837496	Naval Gijon	ES	604	MAN B&W	8560	127	750	1800	SHH II-1135.1/760	GL	2002	Knutsen	NO	SIRI KNUITSEN	Tanker
836445	Stocznia Remontowa	PL	1170	MAN B&W	11040	80	3190	945	SHH II-2000/760	ABS	2002	I.M.T. Ltd. Exxon Mobil House	GB	RAS LAFFAN	Tanker
834538	Izar Gijon	ES	367	MAN B&W	9480	127	745	1800	SHH II-1135.1/760	DNV	2001	Ultragas	CL	GUANACO	Tanker
831309	Naval Gijon	ES	603	MAN B&W	8560	127	750	1800	SHH II-1135.1/760	GL	2001	Knutsen	NO		
830346	3. Maj	HR	681	Sulzer	7850	127	1200	1200	SHH II-1600.1/760	GL	2001	Büttner	DE	APOLLO	Tanker
830342	3. Maj	HR	680	Sulzer	7850	127	1200	1200	SHH II-1600.1/760	GL	2001	Büttner	DE	ADMIRAL	Tanker
819637	Europa		Retrofit			145	2650	1500	SHH II-1600.1/900	DNV	1999	P&O Stena	GB	PROVENCE	
819636	Europa		Retrofit			145	2650	1500	SHH II-1600.1/900	DNV	1999	P&O Stena	GB		
819307	Naval Gijon	ES	556	MAN B&W	7130	127	700	1600	SHH II-1135.1/760	LRS	1999	Knutsen	NO	MARIA KNUITSEN	
819304	Naval Gijon	ES	553	MAN B&W	7130	127	700	1800	SHH II-1135.1/760	LRS	1999	Knutsen	NO		
813987	Naval Gijon	ES	554	MAN B&W	8560	127	750	1800	SHH II-1135.1/760	GL	1998	Knutsen	NO	BETTY KNUITSEN	Tanker
812886	UNL	ES	254	MAN B&W	8000	110	1100	1800	SHH II-1280.2/760	BV	1998	Tankalica			Tanker
812883	UNL	ES	253	MAN B&W	8000	110	1100	1800	SHH II-1280.2/760	BV	1998	Seatrans		TRANS IBERIA	Tanker
812493	Madencil, Grimi Sanayi		18	MAN B&W		162	500	1800	SHH II-1135.1/630	LRS	1998	Kahn Shipping	NL		
812492	Madencil, Grimi Sanayi		17	MAN B&W		162	500	1800	SHH II-1135.1/630	LRS	1998	Kahn Shipping	NL	JIMBO VISION	
798506	Naval Gijon	ES	551	MAN B&W	7150	127	745	1800	SHH II-1135.1/760	LRS	1998	Bibby Line		STOLT KENT	
794522	Naval Gijon	ES	550	MAN B&W	7150	127	745	1800	SHH II-1135.1/760	LRS	1997	Knutsen	NO	KRISTIN KNUITSEN	
792569	UNL	ES	240	MAN B&W	3570	145	670	1200	SHH II-1135/780	DNV	1997	Jo Tankers	NO	PROOF SPIRIT	Tanker
787723	Juliana Gijon	ES	359	MAN B&W	7150	127	700	1800	SHH II-1135.1/760	LRS	1996	C.P. Offen	DE		
787720	Juliana Gijon	ES	358	MAN B&W	7150	127	700	1800	SHH II-1135.1/760	LRS	1996	C.P. Offen	DE	JO ASK	
787717	Juliana Gijon	ES	357	MAN B&W	7150	127	700	1800	SHH II-1135.1/760	LRS	1996	C.P. Offen	DE	BOTANY TRIUMPH	
787330	Flender-Werft	DE	667	MAN B&W	12240	105	1300	1200	SHH II-1280.4/900	GL	1997	C.P. Offen	DE	SANTA GIORGINA	
787327	Flender-Werft	DE	666	MAN B&W	12240	105	1300	1200	SHH II-1280.4/900	GL	1997	C.P. Offen	DE	SANTA GIANNINA	
787324	Flender-Werft	DE	665	MAN B&W	12240	105	1300	1200	SHH II-1280.4/900	GL	1996	C.P. Offen	DE	P&O NEDLLOYD PARANA	
784245	Flender-Werft	DE	662	MAN B&W	12240	105	1300	1200	SHH II-1280/900	GL	1997	C.P. Offen	DE	SANTA GIULIANA	Container



# Marine Gearboxes

Com. No.	Shipyard	Nat.	Hull No.	Engline	Power	In [rpm]	Power [kW]	Out [rpm]	Gear Type	Class	Year	Ship Owner	Nat.	Shipname	Ship type
784242	Flender-Werft	DE	661	MAN B&W	12240	105	1300	1200	SHHII-1280/900	GL	1996	C.P. Offen	DE	SANTA GIOVANNA	Container
783686	Thyssen	DE	513	Mitsubishi	12350	100	1300	1200	SHHII-1280/900	GL	1997				
783573	Volkswert Stralsund	DE	412	Sulzer	10820	135	1000	1800	SHHII-1280.1/960	GL	1996	Reinh. Nibbe	DE	OCEAN	Container
783570	Volkswert Stralsund	DE	411	Sulzer	10920	135	1000	1800	SHHII-1290.1/960	GL	1996	Heinz Corleis	DE	MARDIA	Container
783567	Volkswert Stralsund	DE	410	Sulzer	10920	135	1000	1800	SHHII-1280.1/960	GL	1996	Gebr. Winter	DE		Container
783564	Volkswert Stralsund	DE	409	Sulzer	10920	135	1000	1800	SHHII-1290.1/960	GL	1996	Tom Würden	DE		Container
783561	Volkswert Stralsund	DE	408	Sulzer	10820	135	1000	1800	SHHII-1280.1/960	GL	1996	Contalshipping	CH		Container
783558	Volkswert Stralsund	DE	407	Sulzer	10920	135	1000	1800	SHHII-1290.1/960	GL	1996	Contalshipping	CH		Container
783555	Volkswert Stralsund	DE	406	Sulzer	10920	135	1000	1800	SHHII-1280.1/960	GL	1995	Rolf Fischer	DE	JORK	Container
782241	Blom&Voss	DE	8/1814	Mitsubishi	12350	100	1300	1200	SHHII-1280.4/900	GL	1995			TS SHANGHAI	Container
779900	Thyssen	DE	512	Mitsubishi	12350	100	1300	1200	SHHII-1280.4/900	GL	1996	C.P. Offen	DE	SAN FERNANDO	Container
779897	Thyssen	DE	511	Mitsubishi	12350	100	1300	1200	SHHII-1280.4/900	GL	1995	C.P. Offen	DE		Container
773281	Flender-Werft	DE	660		27440	93	1500	1200	SHHII-1430.3/1145	GL	1995	C.P. Offen	DE	SANTA ELENA	Container
773278	Flender-Werft	DE	659		27440	93	1500	1200	SHHII-1430.3/1145	GL	1994	C.P. Offen	DE	SANTA ANA	Container
766589	Thyssen	DE	510	Mitsubishi	12350	100	1300	1200	SHHII-1280.4/900	GL	1995			SAN CRISTOBAL	Container
766523	Thyssen	DE	505	Mitsubishi	12350	100	1300	1200	SHHII-1280.4/900	GL	1994	C.P. Offen	DE	SAN CLEMENTE	Container
763868	Flender-Werft	DE	658	MAN B&W	12240	100	1300	1200	SHHII-1280.4/900	GL	1994	C.P. Offen	DE	NEDLOYD VAN NASSAU	Container
763865	Flender-Werft	DE	657	MAN B&W	12240	100	1300	1200	SHHII-1280.4/900	GL	1993	C.P. Offen	DE	CIDO DI LIVORNO	Container
761777	Thyssen	DE	509	MAN B&W	11500	115	1300	1200	SHHII-1280.2/900	GL	1993			ELISABETH, KOTA PERMASAN	
761774	Thyssen	DE	508	MAN B&W	11500	115	1300	1200	SHHII-1280.2/900	GL	1993			EYRENE	
753714	Thyssen	DE	504	Mitsubishi	12350	100	1300	1200	SHHII-1280.4/900	GL	1993	Ivarans Rederi	NO	SAN ANTONIO	Container
751052	Thyssen	DE	503	Mitsubishi	12350	100	1300	1200	SHHII-1280.4/900	GL	1993	C.P. Offen	DE	SAN ISIDOR	Container
751049	Thyssen	DE	502	Mitsubishi	12350	100	1300	1200	SHHII-1280.4/900	GL	1993	C.P. Offen	DE	SAN VICENTE	Container
751046	Thyssen	DE	501	Mitsubishi	12350	100	1300	1200	SHHII-1280.4/900	GL	1993	C.P. Offen	DE	SAN LORENZO	Container
749200	C.C.E.N.	BR	196	Sulzer	16260	94	2600	1200	SHHII-1800/1090	GL	1992	Alanca	BR		
749197	C.C.E.N.	BR	185	Sulzer	16260	94	2600	1200	SHHII-1800/1090	GL	1992	Alanca	BR	ALIANCA BRASIL	
740313			Retrofit	Sulzer	15000	90	1450	1200	SHHII-2250.2/1080	DNV	1991	Bergesen A/S	NO	FLORID	
737548	Caneco		306	Sulzer	7630	115	800	900	SHHII-1280.1/760	BV	1992	Transroll			
737543	Caneco		305	Sulzer	7630	115	800	900	SHHII-1280.1/760	BV	1991	Transroll			
731704	Fincantieri	IT	5913	Sulzer	12650	126	1580	1260	SHHII-1600.1/900/4.5	RINA/ABS	1991	Grimaldi	IT	REPUBBLICA DI ROMA	
729188	Thyssen	DE	498	MAN B&W	11500	115	1300	1120	SHHII-1280.2/900	GL	1991	Ivarans Rederi	NO	SANTA ROSA	
728186	Thyssen	DE	497	MAN B&W	11500	115	1300	1120	SHHII-1280.2/900	GL	1991	C.P. Offen	DE	SANTA BARBARA	

# Marine Gearboxes

Com. No.	Shipyard	Nat.	Hull No.	Engine	Power [kW]	In [rpm]	Power [kW]	Out [rpm]	Gear Type	Class	Year	Ship Owner	Nat.	Shipname	ship type
726474	Now E.M.A.O.		404	Sulzer	14120	112	1540	720	SHHL-1600/1090	BV	1991	Transroll			RoRo
726470	Now E.M.A.O.		403	Sulzer	14120	112	1540	720	SHHL-1600/1090	BV	1991	Transroll		ex CANECA	RoRo
726175	Flender-Werft	DE	654	MAN B&W	11500	115	1300	1120	SHHL-1280.2/900	GL	1991	Ivarians Rederi	NO	SANTA VICTORIA	
726173	Flender-Werft	DE	653	MAN B&W	11500	115	1300	1120	SHHL-1280.2/900	GL	1991	C.P. Offen	DE	SANTA MONICA	
724931			Retrofit	DMR-MAN	8240	135	812	1200	SHHL-1280/900	GL	1990	ABC Maritime AG	CH	SPLIT	
718775	Flender-Werft	DE	652	Sulzer	16260	94	2600	1200	SHHL-1800/1090	GL	1990	Hamburg Sud	DE	CAP FINISTERCE	
362554	Flender-Werft	DE	650	Sulzer	16260	94	2600	1200	SHHL-1800/1090	GL	1989	Hamburg Sud	DE	CAP POLONIA	
362552	Flender-Werft	DE	649	Sulzer	16260	94	2600	1200	SHHL-1800/1090	GL	1989	Hamburg Sud	DE	CAP TRAFALGAR	
348692	Fincantieri	IT	5858	Sulzer	11550	106	1200	1200	SHHL-1430.2/900	RINA/ABS	1988	Grimaldi	IT	NUOVO EUROPA	
348690	Fincantieri	IT	5857	Sulzer	11550	106	1200	1200	SHHL-1430.2/900	RINA/ABS	1988	Grimaldi	IT	NUOVO AFRICA	
348684			Retrofit	MAN B&W	2950	160	1170	1500	SHHL-1135/760	BV	1987	D.S.B.	DK	PRINCESSE ELISABETH	Ferry
348682			Retrofit	MAN B&W	2950	160	1170	1500	SHHL-1135/760	BV	1987	D.S.B.	DK	PRINCESSE ANNE-MARIE	Ferry
347289	K.S.E.C., Pusan	KR	SNA 2019	Sulzer	7272	88	800	1200	SHHL-1280/760/2.25	LRS	1987	Malaysian Intern. Shipp. Corp.	MY	BUNGA TANJING	Tanker
347284	K.S.E.C., Pusan	KR	SNA 2018	Sulzer	7272	88	800	1200	SHHL-1280/760/2.25	LRS	1987	Malaysian Intern. Shipp. Corp.	MY	BUNGA MAWAR	Tanker
347279	K.S.E.C., Pusan	KR	SNA 2017	Sulzer	7272	88	800	1200	SHHL-1280/760/2.25	LRS	1987	Malaysian Intern. Shipp. Corp.	MY	BUNGA CENDERJI WISH	Tanker
347274	K.S.E.C., Pusan	KR	SNA 2016	Sulzer	7272	88	800	1200	SHHL-1280/760/2.25	LRS	1987	Malaysian Intern. Shipp. Corp.	MY	BUNGA ANGERIK	Tanker
342772	Fincantieri	IT	Retrofit	Sulzer	12300	127	2200	1800	SHHL-1600.1/1080/3.2	RINA/DNV	1987		IT	PUNTA BIANCA	
342771	Fincantieri	IT	Retrofit	Sulzer	12300	127	2200	1800	SHHL-1600.1/1090/3.2	RINA/DNV	1987		IT	PUNTA VERDE	
341150	Hyundai, Ulsan	KR	PO44	Sulzer	5650	115	650	1200	SHHL-1280.1/900	LRS	1987	Gypsum Tr.	GB		Tanker
331866	Hyundai, Ulsan	KR	432	Sulzer	8750	98	800	1200	SHHL-1280.2/900	DNV/ABS	1986	Ceres Livanos Shipping	GR		Tanker
331865	Hyundai, Ulsan	KR	431	Sulzer	8750	98	800	1200	SHHL-1280.2/900	DNV/ABS	1986	Ceres Livanos Shipping	GR		Tanker
331864	Hyundai, Ulsan	KR	430	Sulzer	8750	98	800	1200	SHHL-1280.2/900	DNV/ABS	1986	Ceres Livanos Shipping	GR	PRIMAVENTURE L	Tanker
331863	Hyundai, Ulsan	KR	429	Sulzer	8750	98	800	1200	SHHL-1280.2/900	DNV/ABS	1986	Ceres Livanos Shipping	GR	POWERVENTURE L	Tanker
331862	Hyundai, Ulsan	KR	428	Sulzer	8750	98	800	1200	SHHL-1280.2/900	DNV/ABS	1986	Ceres Livanos Shipping	GR	PRIDEVENTURE L	Tanker
331861	Hyundai, Ulsan	KR	427	Sulzer	8750	98	800	1200	SHHL-1280.2/900	DNV/ABS	1986	Ceres Livanos Shipping	GR	PROSPERVENTURE L	Tanker
331860	Hyundai, Ulsan	KR	426	Sulzer	8750	98	800	1200	SHHL-1280.2/900	DNV/ABS	1986	Ceres Livanos Shipping	GR	PEACEVENTURE L	Tanker
333056	Fincantieri	IT	5838	Sulzer	12650	126	1555	1260	SHHL-1600.1/900/4.5	RINA/ABS	1987	Grimaldi	IT	REPUBBLICA DI AMALFI	Ferry
333051	Fincantieri	IT	5837	Sulzer	12650	126	1555	1260	SHHL-1600.1/900/4.5	RINA/ABS	1987	Grimaldi	IT	REPUBBLICA DI GENOVA	Ferry
333046	Fincantieri	IT	1134	Sulzer	12650	126	1555	1260	SHHL-1600.1/900/4.5	RINA/ABS	1986	Grimaldi	IT	REPUBBLICA DI PISA	Ferry
333041	Fincantieri	IT	5828	Sulzer	12650	126	1555	1260	SHHL-1600.1/900/4.5	RINA/ABS	1986	Grimaldi	IT	REPUBBLICA DI VENEZIA	Ferry
322700	Flender-Werft	DE	641	MAN B&W	11550	111	1300	1200	SHHL-1280.2/900	GL	1986	C.P. Offen	DE	SANTA ISABELLA	
320876			Retrofit	DMR-MAN	11400	135	1000	1200	SHHL-1280.1/900	GL	1995	H. Zeppenfeld	DE	VEGA	