

General Description:

Due to the optimization of the gear box housings of the WATT- helical worm gear units (execution without fins, see table 2), the units are delivered with new lubricant capacity. The exact oil quantity is shown on the name plate of the gear unit. The following oil quantities are guide values.

All new housings of the helical worm gear units are made of cast iron EN-GJL-200. The aluminium gear units S.. 414. and S.. 464. are taken out of the product program.

Maintenance instruction:

The new oil quantities are not included in the maintenance instruction **BA11 MAS**. They will be completed in the next revision **BA12 MAS**.

Period of changeover:

The conversion of the complete S series to the new housing model will be carried out to **September 2007**.

Execution with fins – table 1:


Type	Mounting position					
	H3	V1	V2	H6	H5	H4
2-stage	S.. 404A,B,S		0,4 l			0,5 l
	S.. 454A,B,S		0,4 l			0,5 l
	S.. 414A,B,S		0,5 l			0,55 l
	S.. 464A,B,S		0,5 l			0,55 l
	S.. 455A,B,S		0,55 l			0,65 l
	S.. 506A,B,S	0,8 l				1,2 l
	S.. 507A,B,S	0,9 l				1,3 l
	S.. 608A,B	1,5 l			2,1 l	1,9 l
	S.. 609A,B <small>≤WAR114</small> <small>≥WAR134</small>	1,7 l 2,0 l			2,4 l 2,4 l	2,1 l 2,5 l
3-stage	S.. 506C	1,2 l				1,5 l
	S.. 507C	1,3 l				1,6 l
	S.. 608C	1,7 l			2,5 l	2,3 l
	S.. 609C	1,9 l			2,8 l	2,5 l

Execution without fins – table 2:


2-stage	S.. 404A,B,S		0,5 l			0,55 l	
	S.. 454A,B,S		0,5 l			0,55 l	
	S.. 455A,B,S	0,65 l			0,75 l	0,85 l	0,65 l
	S.. 506A,B,S	1,1 l				1,45	1,1 l
	S.. 507A,B,S	1,2 l				1,6 l	1,2 l
	S.. 608A,B	1,8 l			2,6 l	2,4	1,8 l
	S.. 609A,B <small>≤WAR114</small> <small>≥WAR134</small>	2,1 l 2,4 l			3,0 l 3,0 l	2,7 l 3,1 l	2,1 l 2,5 l
3-stage	S.. 506C	1,35 l				1,8 l	1,35 l
	S.. 507C	1,45 l				1,9 l	1,45 l
	S.. 608C	2,1 l			3,0 l	2,3 l	2,1 l
	S.. 609C	2,4 l			3,5 l	3,1 l	2,4 l