

Energy Using Products Preparatory Studies – Lot 11: **Water Pumps**

Summary actions from 29 June Stakeholder Meeting

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v1.0

Standards, Sales data, Annex 3

Section 1.2.1

- Para. 1. It is noted that ISO 9906-1999 is being revised.
- Para. 4. Remove the reference to Europump in the sentence that states shipped product may differ from catalogue efficiencies.
- Expand on section concerning WEEE, with the consensus from pump manufacturers being that it does not impact pumps.

Fig 2.2 – 2.3

- Update figures to agree with Annex 4. In particular check sales of DN<15mm pumps (should be 6M).

Annex 3

- Annex 3 (SAVE/Europump Efficiency Guide) will be brought into line with the final published version.

Pump selection

- **Fig 2.5** - For both ESOB and ESCC types it was agreed that the lower duties should be based on a 2-pole motor with a reduced port size (EN 733 – 40 – 160). This corresponds to 25m³/h at 32m.
- **Submersible multistage water pumps.** Eurostats suggest sales for 1998 of 185,000 units in the EC. This is considerably less than the 530,000 units pa suggested by Europump. It would be interesting to understand the likely reason(s) for this discrepancy, but it is noted that it is unlikely that there would be adequate grounds to exclude these models on the basis of volumes being below the 200,000pa indicative threshold.
- **Multistage water pumps** should be included. We will review catalogue data and suggest representative duties.
- There was a question regarding the commonality of parts between cold and hot water multistage pumps. It was understood that any differences would only be minor – we would welcome confirmation of this point.

Revised Selection Table

Style	Standard (where applicable)	Selected Duties
End Suction Own Bearings (ESOB)	EN 733:1995, 10 bar rating	1.) 25 m ³ /h at 32m (EN 733-40-160) – 2,900 rpm 2.) 125 m ³ /h at 32m (EN 733-100-315) – 1,450 rpm
End Suction Close Coupled (ESCC)	None applicable, and so suggest base duties on EN 733:1995	1.) 25 m ³ /h at 32m (EN 733-40-160) – 2,900rpm 2.) 125 m ³ /h at 32m (EN 733-100-315) – 1,450 rpm
Submersible Multistage	None applicable, so have based selection on typical available product	1.) 2.5m ³ /h at 70m 2.) 8m ³ /h at 60m
Multistage Water		To be selected by reference to manufacturers catalogues