

Typical fire pump duty points by hazard class

EN 12845

Indicative flow and pressure duty points for sizing fire pumps per EN 12845 hazard class.

Reference table

Hazard	Typical flow (L/min)	Typical pressure (bar)	Pump type
LH	375–725	2.2–3.5	Single electric
OH1	540–725	1.0–2.2	Single electric
OH2	725–1100	1.5–2.5	Single electric or 2×100%
OH3	1100–1800	2.0–3.0	2×100% electric
HHP1	1750–2400	2.5–4.0	Electric + diesel
HHP2–HHP4	2200–3500	3.0–5.0	Electric + diesel
HHS3 / HHS4	2900–6000	4.0–7.5	Electric + diesel, large

Notes

- Excludes hose reels and external hydrant ring demand.

Source: EN 12845:2015 §10; common engineering practice.