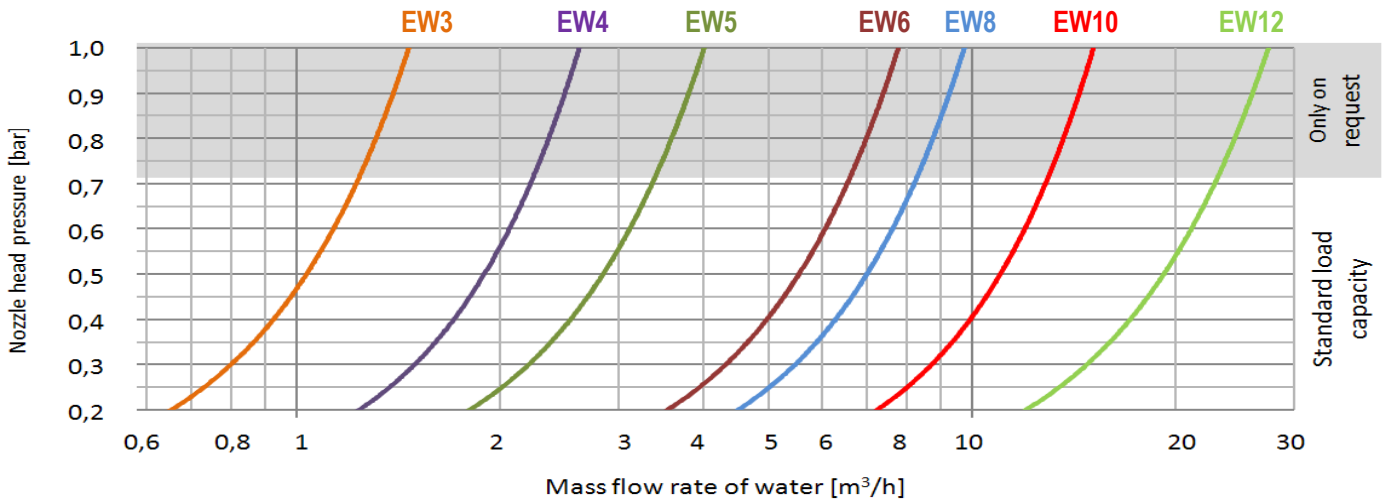




STANDARD EQUIPMENT OF ALL COOLING TOWERS WITH SCREW NOZZLES – TYPE EW 3...12

Cooling tower serie EWK	036	064	100
NUMBER OF NOZZLES	1	1	1
Nozzle type	3...8	5...12	6...12

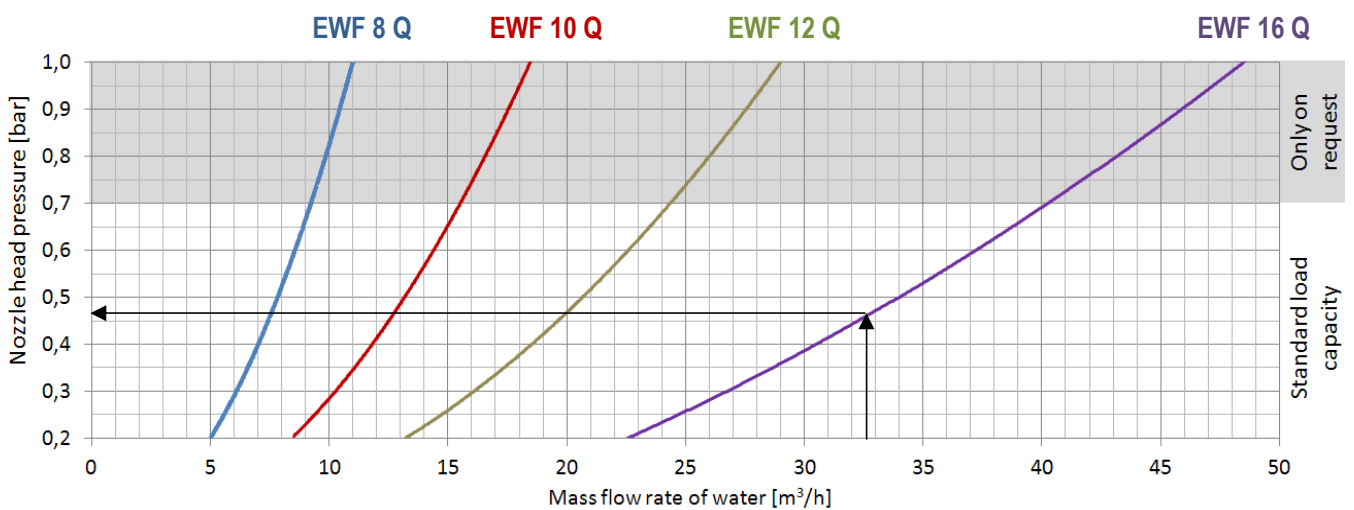


STANDARD EQUIPMENT OF ALL COOLING TOWERS WITH SPECIAL FLANGE NOZZLES TYPE EWF 8...16 Q

Cooling tower serie EWK	144	225	324	441	576	680	900	1260	1800
NUMBER OF NOZZLES	1	4	4	4	4	6	8	12	16

Cooling tower serie EWK-D	225	324	450	680	900
NUMBER OF NOZZLES	4	4	4	6	8

Cooling tower serie EWB	1730	2300	2875	3600	3460	4600	5750	7200
NUMBER OF NOZZLES	12	16	20	25	24	32	40	50



Example for selection of EWK 3460

The water flow rate m_w is $790 \text{ m}^3/\text{h}$, according to the table above the number of nozzles is 24.

The throughput of each nozzle is $790/24 = 32,9 \text{ m}^3/\text{h}$, 24 nozzles of type EWF 16 Q are selected, the head pressure per nozzle $p_{\text{nozzle}} = 0,46 \text{ bar}$.

On an operating cooling tower the head pressure can be measured with a manometer.

According to the diagram above the water flow rate per each nozzle can be established.