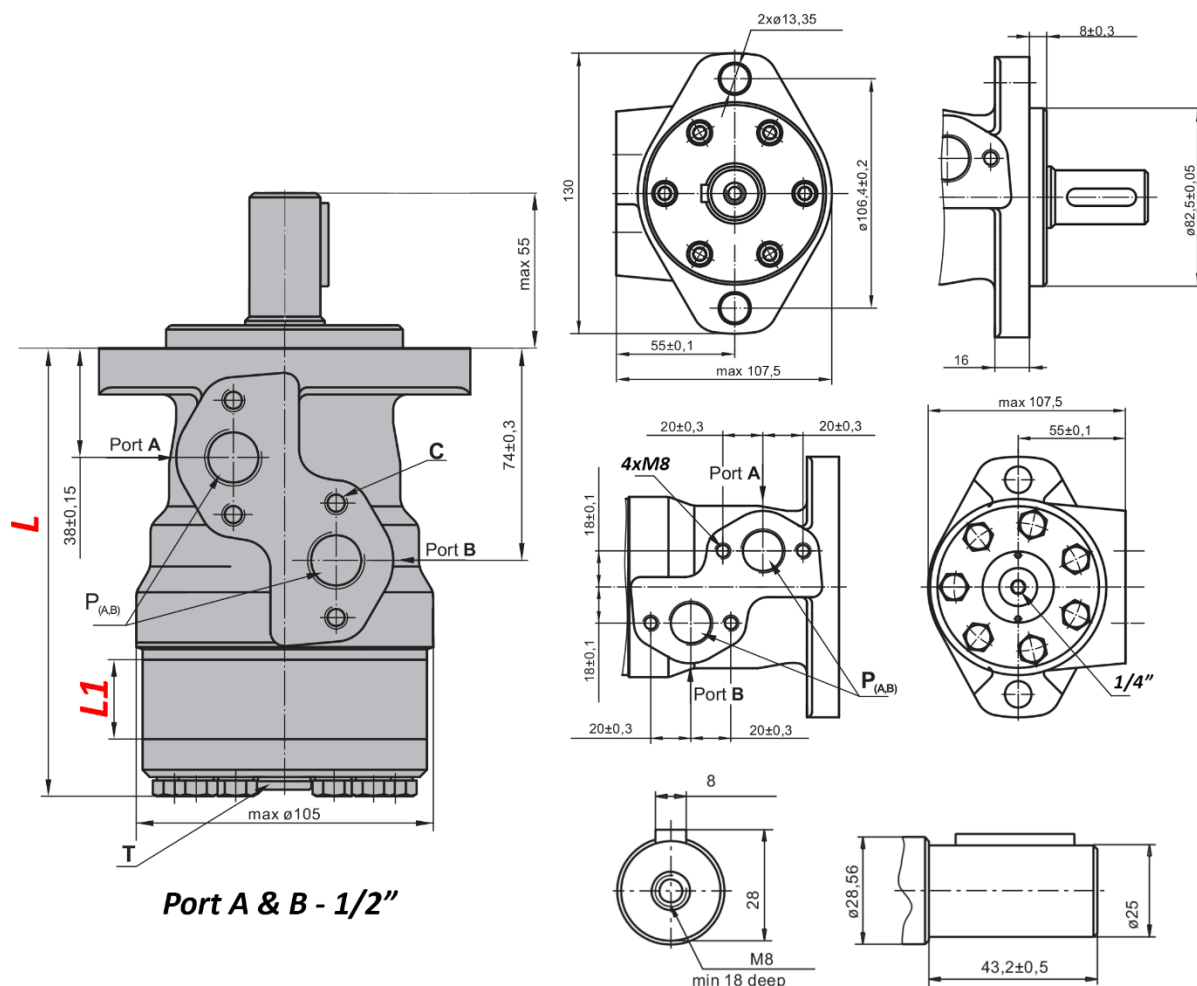


# DATASHEET – DIMENSIONS

## HYDRAULIC MOTORS MR



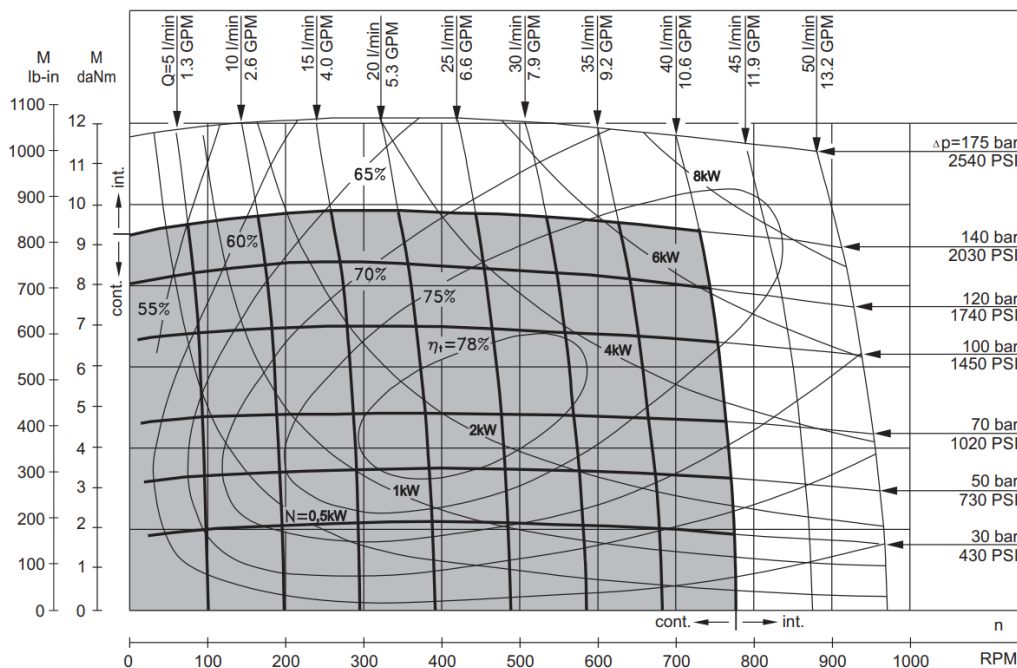
|        | L     | L1    |
|--------|-------|-------|
|        | (mm)  | (mm)  |
| MR 40  | 136,5 | 7,4   |
| MR 50  | 135,5 | 6,67  |
| MR 80  | 139,5 | 10,67 |
| MR 100 | 142   | 13,33 |
| MR 125 | 145,5 | 16,67 |
| MR 160 | 150   | 21,33 |
| MR 200 | 155,5 | 26,67 |
| MR 250 | 162   | 33,33 |
| MR 315 | 171,5 | 42,67 |
| MR 400 | 182   | 53,33 |

|                             |              | MR 50 | MR 80 | MR 100 | MR 125 | MR 160 | MR 200 | MR 250 | MR 315 | MR 400 |
|-----------------------------|--------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| cm/rpm                      |              | 51,5  | 80,3  | 99,8   | 125,7  | 159,6  | 199,8  | 250,1  | 315,7  | 397    |
| Revolution<br>[rpm]         | Constant     | 775   | 750   | 600    | 475    | 375    | 300    | 240    | 190    | 150    |
|                             | Intermittent | 970   | 940   | 750    | 600    | 470    | 375    | 300    | 240    | 190    |
| Torque<br>[daNm]            | Constant     | 10    | 20    | 24     | 30     | 39     | 38,5   | 39     | 36     | 38     |
|                             | Intermittent | 13    | 22    | 28     | 34     | 43     | 46     | 47     | 47     | 47     |
|                             | Max.         | 17    | 27    | 32     | 37     | 46     | 56     | 60     | 61     | 61     |
| Power<br>[kW]               | Constant     | 7     | 12,5  | 13     | 12,5   | 11,5   | 9      | 8      | 5      | 4,8    |
|                             | Intermittent | 8,5   | 15    | 15     | 14,5   | 14     | 12     | 9,5    | 8      | 6,8    |
| Pressure<br>[bar]           | Constant     | 140   | 175   | 175    | 175    | 175    | 140    | 110    | 85     | 65     |
|                             | Intermittent | 175   | 200   | 200    | 200    | 200    | 175    | 140    | 115    | 90     |
|                             | Max.         | 225   | 225   | 225    | 225    | 225    | 225    | 200    | 150    | 115    |
| Oil flow<br>rate<br>[L/min] | Constant     | 40    | 60    | 60     | 60     | 60     | 60     | 60     | 60     | 60     |
|                             | Intermittent | 50    | 75    | 75     | 75     | 75     | 75     | 75     | 75     | 75     |
| Connect.<br>thread          |              | 1/2"  | 1/2"  | 1/2"   | 1/2"   | 1/2"   | 1/2"   | 1/2"   | 1/2"   | 1/2"   |
| Weight<br>[kg]              |              | 6,8   | 6,9   | 7,2    | 7,3    | 7,5    | 8      | 8,4    | 9,1    | 9,8    |

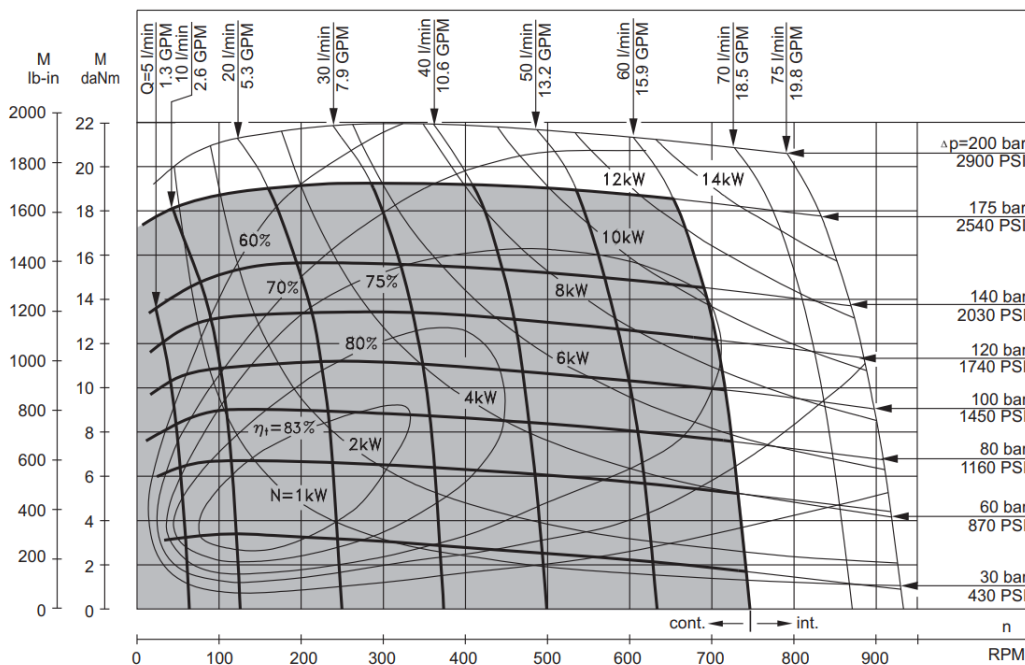


## DIAGRAMS

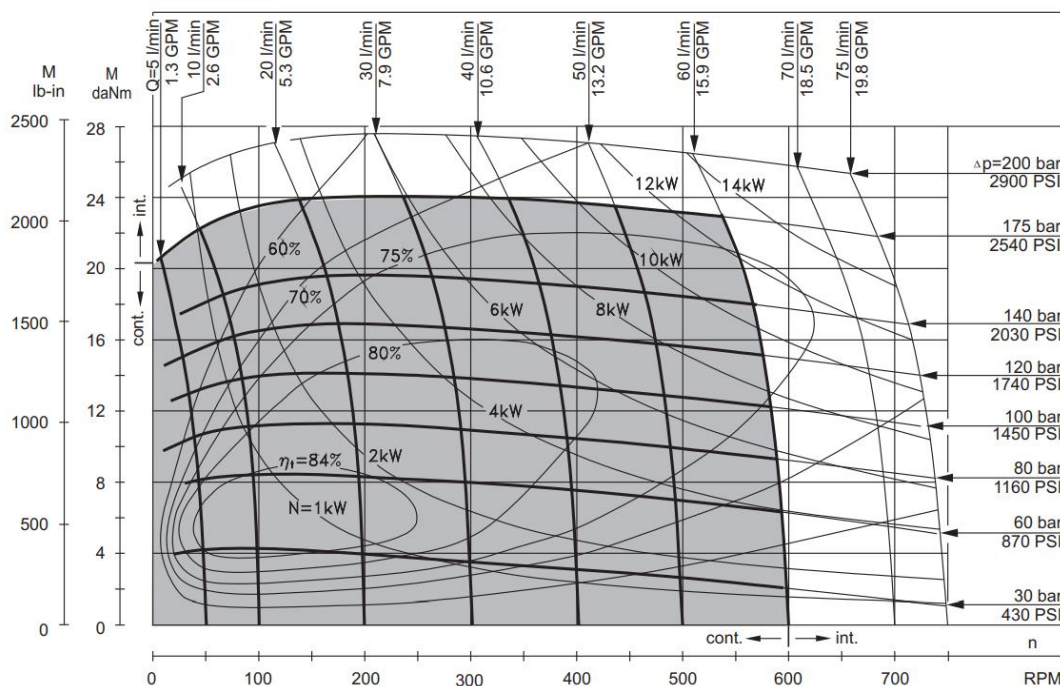
MR 50



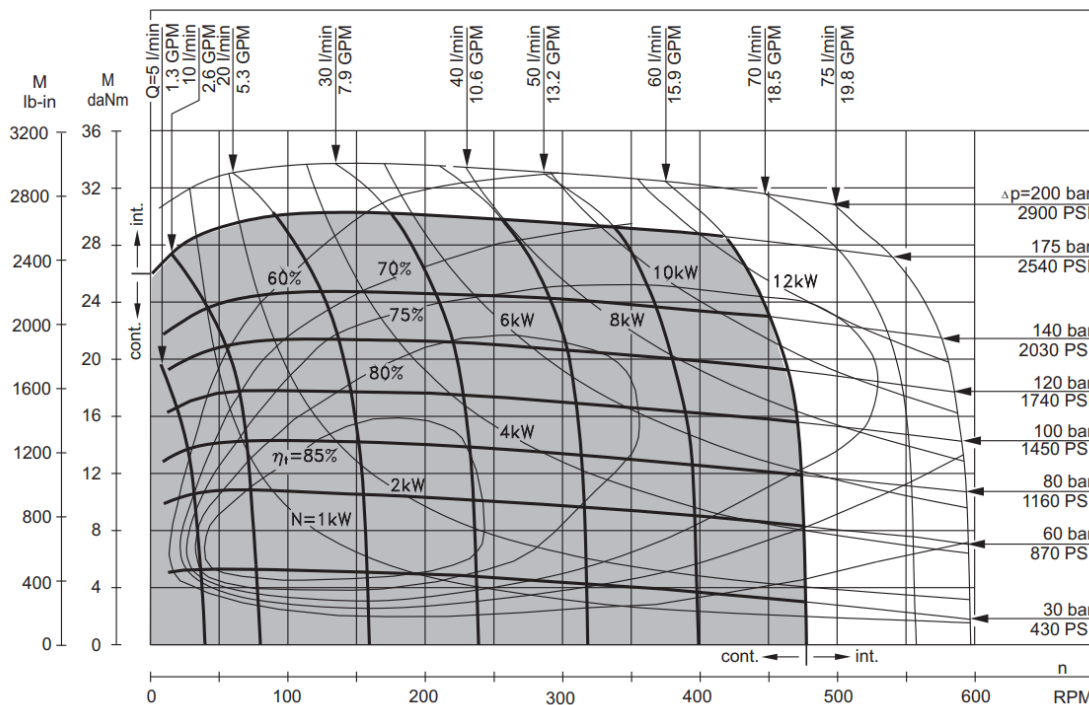
MR 80



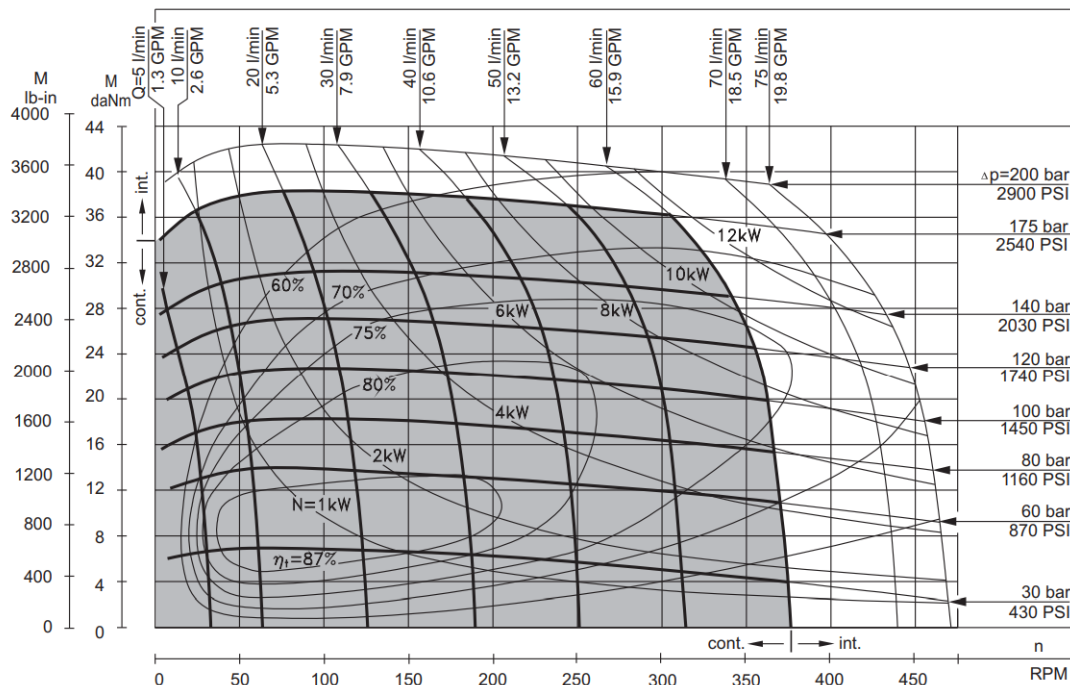
**MR 100**



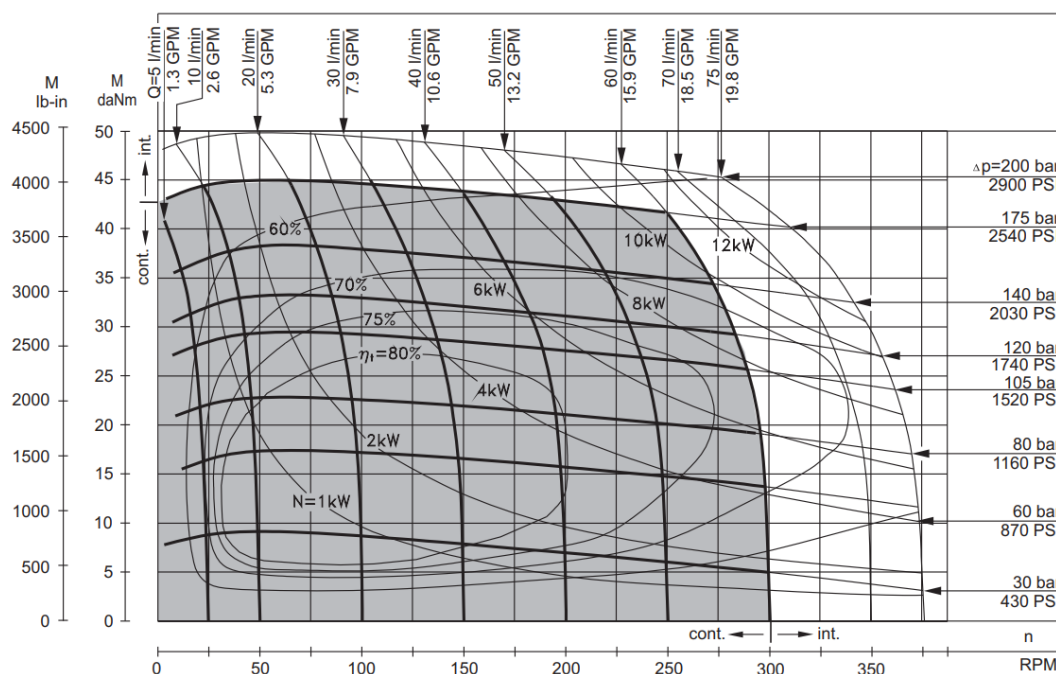
**MR 125**



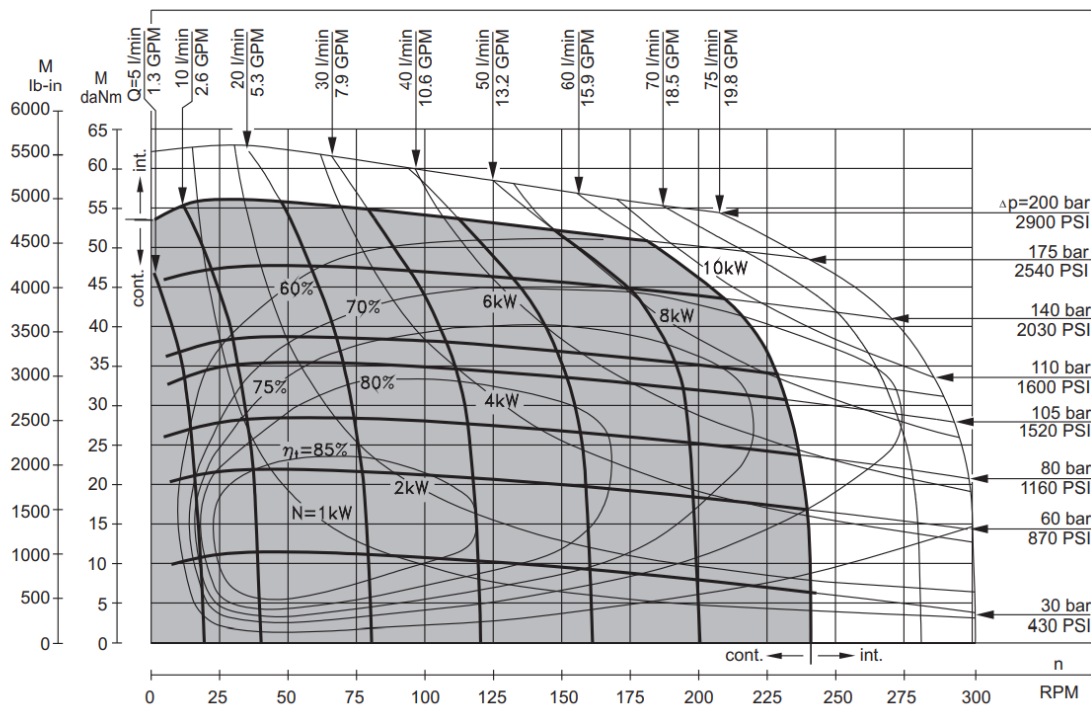
MR 160



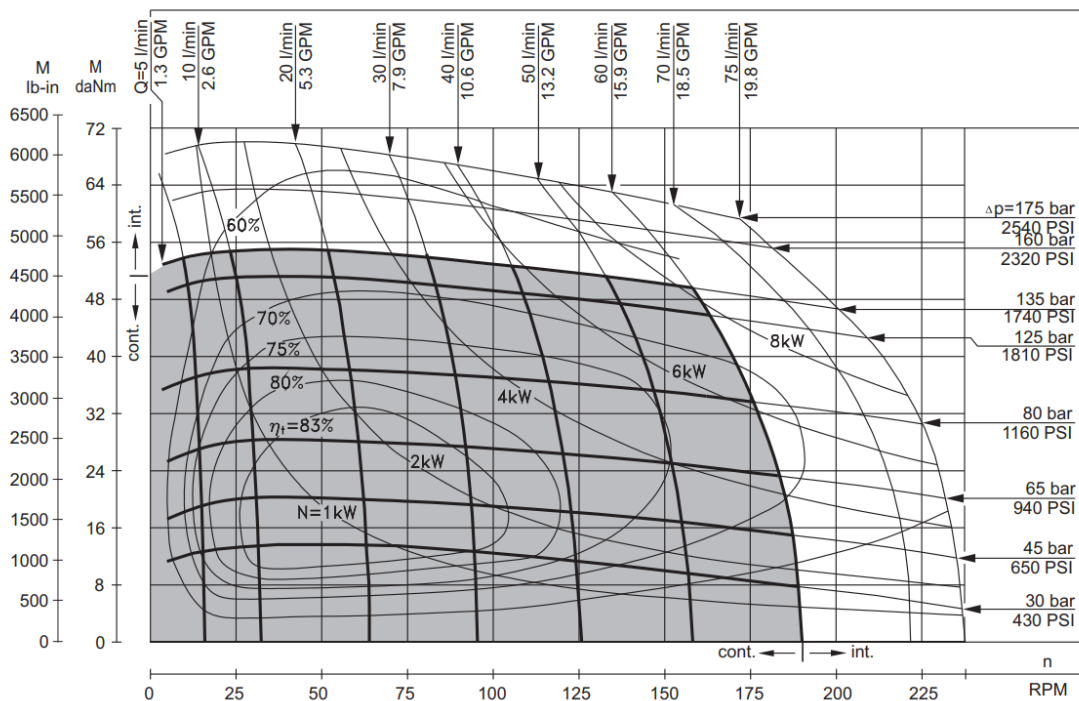
MR 200



**MR 250**



**MR 315**



## MR 400

