

GMR-Planetenmotoren



Anwendung

- Förderbänder
- Metallbearbeitungsmaschinen
- Werkzeugmaschinen
- Mobile Arbeitsmaschinen
- Baumaschinen
- Landmaschinen
- u.a.

Bauweise und Ausführungen

- Modell: Axialverteilterventil, Planetenrollersatz
- Flansch: SAE A, Magneto-, Quadrat- oder Radflansch
- Anschlüsse: Hinten oder seitlich, metrisches oder BSPP Gewinde
- Welle: Zylindrisch, konisch oder verzahnt
- Motor mit Trommelbremse

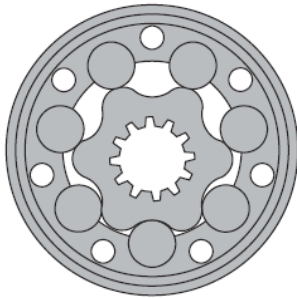
- Motor mit Tachowelle
- Drehzahlsensorik
- Sonderausführungen

Application

- Conveyors
- Metal working machines
- Machine tools
- Special vehicles
- Road buliding machines
- Agriculture machines
- etc.

Construction and options

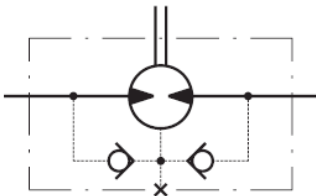
- Model: Disc valve, roll-gerotor
- Flange: SAE A, Magneto-, square- or wheelflange
- Ports: Rear or side ports, metric or BSPP threaded ports
- Shafts: Cylindrical, tapered or splined
- Motor with drum brake
- Motor with tacho connection
- Speed sensing
- Other special features



GMR-Planetenmotoren

Max. Schluckvolumen	Max. Displacement	cm ³ /U	ccm/rev	[in ³ /rev]	51,5 - 397,0 [3.14 - 24.40]
Max. Drehzahl	Max. Speed	U/min	RPM		970
Max. Drehmoment	Max. Torque	daNm		[in-lb]	61 [5400]
Max. Leistungsabgabe	Max. Output	kW		[HP]	15 [20.1]
Max. Druckgefälle	Max. Pressure drop	bar		[PSI]	175 [2540]
Max. Ölstrom	Max. Oil flow	l/min	lpm	[GPM]	75 [20]
Min. Drehzahl	Min. Speed	U/min	RPM		10
Hydrauliköl	Pressure fluid				HLP (DIN 51524) oder or HM (ISO 6743/4)
Öltemperatur	Temperature range	°C		[°F]	-40 - 140 [-40 - 284]
Optimalviskosität	Optimal viscosity range	mm ² /s		[SUS]	20 - 75 [98 - 347]
Filterierung	Filtration				ISO Code 20/16 (min. empfohlene Filterierung <i>recommended filtration</i> 25 µm)

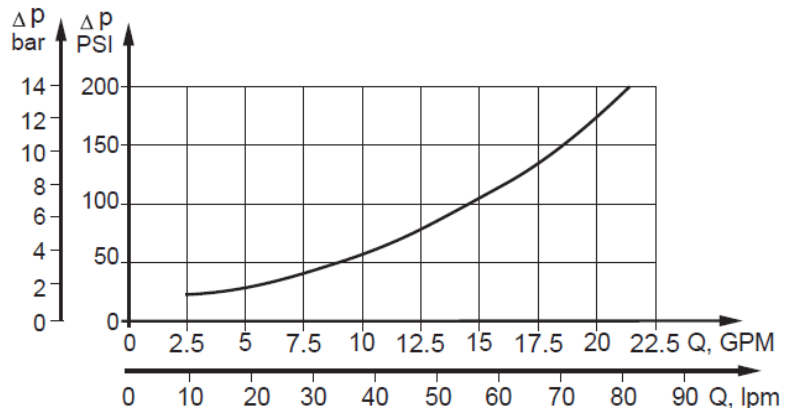
Schaltzeichen *Graphic symbol*

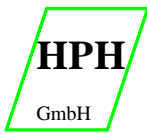


Ölstrom in der Leckleitung *Oil flow in drain line*

Druckgefälle Pressure drop bar [PSI]	Viskosität Viscosity mm ² /s [SUS]	Ölstrom Oilflow l/min lpm [GPM]
140 [2030]	20 [98]	1,5 [.396]
	35 [164]	1,0 [.264]
210 [3045]	20 [98]	3,0 [.793]
	35 [164]	2,0 [.528]

Druckverlust *Pressure losses*





HPH GmbH

Handel-Projektierung-Hydrauliksysteme
Im Bocksacker 21 - D 27628 Bramstedt

Tel: 04746-93884-14
Fax: 04746-93884-22
e-mail: info@hph-gmbh.de
Internet: www.HPH-GmbH.de

Technische Daten

Motoren mit C, CO, SH, K und SA Wellen (Dichtungsdurchmesser Ø28,56)

GMR-Planetenmotoren

		50	80	100	125	160	200	250	315	400
Schluckvolumen <i>Displacement</i> cm ³ /U <i>ccm/rev</i> [in ³ /rev]		51,5 [3.14]	80,3 [4.90]	99,8 [6.09]	125,7 [7.67]	159,6 [9.74]	199,8 [12.19]	250,1 [15.26]	315,7 [19.26]	397,0 [24.40]
Max. Drehzahl <i>Max. Speed</i> U/min <i>RPM</i>	Dauerbetrieb <i>Continuous working</i>	775	750	600	475	375	300	240	190	150
	Intermittierend* <i>Intermittent *</i>	970	940	750	600	470	375	300	240	190
Max. Drehmoment <i>Max. Torque</i> daNm [lb-in]	Dauerbetrieb <i>Continuous working</i>	10,0 [900]	20,0 [1770]	24,0 [2125]	30,0 [2655]	39,0 [3450]	38,5 [3410]	39,0 [3450]	36,0 [3185]	38,0 [3360]
	Intermittierend* <i>Intermittent *</i>	13,0 [1150]	22,0 [1947]	28,0 [2480]	34,0 [3010]	43,0 [3805]	46,0 [4070]	47,0 [4160]	47,0 [4160]	47,0 [4160]
	Spitze** <i>Peak **</i>	17,0 [1505]	27,0 [2390]	32,0 [2832]	37,0 [3275]	46,0 [4070]	56,0 [4960]	60,0 [5310]	61,0 [5400]	61,0 [5400]
Max. Leistungsabgabe <i>Max. Output</i> kW [HP]	Dauerbetrieb <i>Continuous working</i>	7,0 [9.5]	12,5 [17.0]	13,0 [17.4]	12,5 [16.8]	11,5 [15.4]	9,0 [12.0]	8,0 [10.7]	5,0 [6.7]	4,8 [6.4]
	Intermittierend* <i>Intermittent *</i>	8,5 [11.9]	15,0 [20.1]	15,0 [20.1]	14,5 [19.5]	14,0 [18.8]	12,0 [16.1]	9,5 [12.7]	8,0 [10.7]	6,8 [9.1]
Max. Druckgefälle <i>Max. Pressure drop</i> bar [PSI]	Dauerbetrieb <i>Continuous working</i>	140 [2030]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	140 [2030]	110 [1600]	85 [1230]	65 [940]
	Intermittierend* <i>Intermittent *</i>	175 [2540]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	175 [2540]	140 [2030]	115 [1670]	90 [1300]
	Spitze** <i>Peak **</i>	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	200 [2900]	150 [2175]	115 [1670]
Max. Ölstrom <i>Max. Oil flow</i> l/min <i>lpm</i> [GPM]	Dauerbetrieb <i>Continuous working</i>	40 [10.5]	60 [15.8]	60 [15.8]	60 [15.8]	60 [15.8]	60 [15.8]	60 [15.8]	60 [15.8]	60 [15.8]
	Intermittierend* <i>Intermittent *</i>	50 [13.2]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]
Max. Eingangsdruck <i>Max. Inlet pressure</i> bar [PSI]	Dauerbetrieb <i>Continuous working</i>	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]
	Intermittierend* <i>Intermittent *</i>	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]
	Spitze** <i>Peak **</i>	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]
Max. Rücklaufdruck mit Leckölleitung <i>Max. Return pressure with drain line</i> bar [PSI]	Dauerbetrieb <i>Continuous working</i>	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]
	Intermittierend* <i>Intermittent *</i>	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]
	Spitze** <i>Peak **</i>	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]
Max. Anlaufdruck mit unbelasteter Welle <i>Max. starting pressure with unloaded shaft</i> bar [PSI]		10 [145]	10 [145]	10 [145]	9 [130]	7 [102]	5 [73]	4 [58]	3 [44]	3 [44]
Min. Anlaufmoment bei max. Druckgefälle <i>Min. starting torque at max. pressure</i> drop daNm [lb-in]	Dauerbetrieb <i>Continuous working</i>	8,0 [710]	15,0 [1330]	20,0 [1770]	25,0 [2215]	32,0 [2832]	33,0 [2920]	31,0 [2740]	31,5 [2875]	31,5 [2875]
	Intermittierend* <i>Intermittent *</i>	10,0 [885]	17,0 [1505]	23,0 [2035]	28,0 [2480]	37,0 [3275]	40,0 [3540]	48,0 [4250]	58,0 [5220]	50,0 [4425]
Min. Drehzahl*** <i>Min speed ***</i> U/min <i>RPM</i>		10	10	10	10	10	10	10	10	10

Gewicht

6,8 [15.0]	6,9 [15.2]	7,2 [15.9]	7,3 [16.1]	7,5 [16.5]	8,0 [17.6]	8,4 [18.5]	9,1 [20.0]	9,8 [21.6]
6,2 [13.7]	6,3 [13.9]	6,6 [14.6]	6,8 [15.0]	7,6 [16.8]	7,2 [15.9]	7,8 [17.2]	8,6 [19.0]	9,3 [20.5]

- * Intermittierend: Betrieb max. 10% pro Minute
 ** Spitze: max. 1% pro Minute
 *** Für Drehzahlen kleiner der min. Drehzahl sprechen Sie uns bitte an.
 - Intermittierende Druckgefälle und Ölströme dürfen nicht gleichzeitig erreicht werden.
 - Minimale Viskosität 13 mm²/s [70 SUS] bei 50° C [122° F]
 - Maximale Öltemperatur während des Betriebs 82° C [180° F]
 - Die Lebensdauer der Motoren kann erhöht werden, wenn die Antriebswelle 10-15 Minuten vor voller Belastung frei läuft.



HPH GmbH

Handel-Projektierung-Hydrauliksysteme
Im Bocksacker 21 - D 27628 Bramstedt

Tel: 04746-93884-14
Fax: 04746-93884-22
e-mail: info@hph-gmbh.de
Internet: www.HPH-GmbH.de

Technische Daten

Motoren mit CB, KB, OB und HB Wellen (Dichtungsdurchmesser Ø35)

GMR-Planetenmotoren

		50	80	100	125	160	200	250	315	400
Schluckvolumen <i>Displacement</i> cm ³ /U <i>ccm/rev</i> [in ³ /rev]		51,5 [3.14]	80,3 [4.90]	99,8 [6.09]	125,7 [7.67]	159,6 [9.74]	199,8 [12.19]	250,1 [15.26]	315,7 [19.26]	397,0 [24.40]
Max. Drehzahl <i>Max. Speed</i> U/min <i>RPM</i>	Dauerbetrieb <i>Continuous working</i>	775	750	600	475	375	300	240	190	150
	Intermittierend* <i>Intermittent *</i>	970	940	750	600	470	375	300	240	190
Max. Drehmoment <i>Max. Torque</i> daNm [lb-in]	Dauerbetrieb <i>Continuous working</i>	10,0 [900]	20,0 [1770]	24,0 [2125]	30,0 [2655]	39,0 [3450]	45,0 [4000]	54,0 [4780]	55,0 [4870]	61,0 [5400]
	Intermittierend* <i>Intermittent *</i>	13,0 [1150]	22,0 [1947]	28,0 [2480]	34,0 [3010]	43,0 [3805]	50,0 [4425]	61,0 [5400]	69,0 [6110]	69,0 [6110]
	Spitze ** <i>Peak **</i>	17,0 [1505]	27,0 [2390]	32,0 [2832]	37,0 [3275]	46,0 [4070]	56,0 [4960]	71,0 [6280]	84,0 [7435]	87,0 [7700]
Max. Leistungsabgabe <i>Max. Output</i> kW [HP]	Dauerbetrieb <i>Continuous working</i>	7,0 [9.5]	12,5 [17.0]	13,0 [17.4]	12,5 [16.8]	11,5 [15.4]	11,0 [14.8]	10,0 [13.4]	9,0 [12.0]	7,8 [10.5]
	Intermittierend* <i>Intermittent *</i>	8,5 [11.9]	15,0 [20.1]	15,0 [20.1]	14,5 [19.5]	14,0 [18.8]	13,0 [17.4]	12,0 [16.1]	10,0 [13.4]	10,6 [14.2]
Max. Druckgefälle <i>Max. Pressure drop</i> bar [PSI]	Dauerbetrieb <i>Continuous working</i>	140 [2030]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	135 [1960]	110 [1600]
	Intermittierend* <i>Intermittent *</i>	175 [2540]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	175 [2540]	140 [2030]
	Spitze ** <i>Peak **</i>	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	210 [3045]	175 [2540]
Max. Ölstrom <i>Max. Oil flow</i> l/min <i>lpm</i> [GPM]	Dauerbetrieb <i>Continuous working</i>	40 [10.5]	60 [15.8]	60 [15.8]	60 [15.8]	60 [15.8]	60 [15.8]	60 [15.8]	60 [15.8]	60 [15.8]
	Intermittierend* <i>Intermittent *</i>	50 [13.2]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]	75 [19.8]
Max. Eingangsdruck <i>Max. Inlet pressure</i> bar [PSI]	Dauerbetrieb <i>Continuous working</i>	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]
	Intermittierend* <i>Intermittent *</i>	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]
	Spitze ** <i>Peak **</i>	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]
Max. Rücklaufdruck mit Leckölleitung <i>Max. Return pressure with drain line</i> bar [PSI]	Dauerbetrieb <i>Continuous working</i>	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]
	Intermittierend* <i>Intermittent *</i>	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]
	Spitze ** <i>Peak **</i>	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]
Max. Anlaufdruck mit unbelasteter Welle <i>Max. starting pressure with unloaded shaft</i>	bar [PSI]	10 [145]	10 [145]	10 [145]	9 [130]	7 [102]	5 [73]	4 [58]	3 [44]	3 [44]
Min. Anlaufmoment bei max. Druckgefälle <i>Min. starting torque at max. pressure</i> drop daNm [lb-in]	Dauerbetrieb <i>Continuous working</i>	8,0 [710]	15,0 [1330]	20,0 [1770]	25,0 [2215]	32,0 [2832]	41,0 [3630]	50,0 [4425]	50,0 [4425]	50,0 [4425]
	Intermittierend* <i>Intermittent *</i>	10,0 [885]	17,0 [1505]	23,0 [2035]	28,0 [2480]	37,0 [3275]	46,0 [4070]	55,0 [4870]	66,0 [5840]	61,0 [5400]
Min. Drehzahl *** <i>Min speed ***</i>	U/min <i>RPM</i>	10	10	10	10	10	10	10	10	10

Gewicht

6,8 [15.0]	6,9 [15.2]	7,2 [15.9]	7,3 [16.1]	7,5 [16.5]	8,0 [17.6]	8,4 [18.5]	9,1 [20.0]	9,8 [21.6]
6,2 [13.7]	6,3 [13.9]	6,6 [14.6]	6,8 [15.0]	7,6 [16.8]	7,2 [15.9]	7,8 [17.2]	8,6 [19.0]	9,3 [20.5]

Bestellcode GMR.....

GMR	1	2	3	4	5	6	7	8
------------	----------	----------	----------	----------	----------	----------	----------	----------

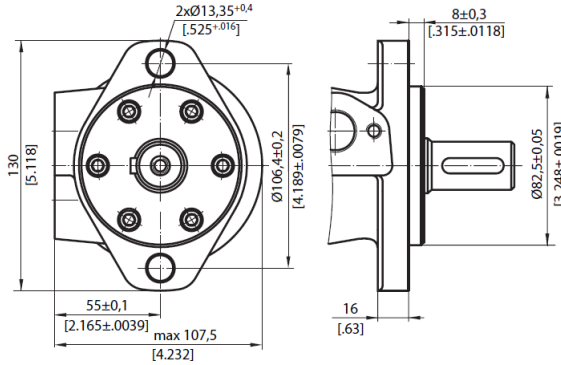
Pos. 1	Montageflansch <i>Mounting flange</i>		SA	Verzahnt Ø24,5, B 25x22 DIN 5482 <i>Splined Ø24.5, B 25x22 DIN 5482</i>
frei omit	Ovalflansch, zwei Befestigungslöcher <i>Oval mount, two holes</i>		VSA	Verzahnt Ø24,5, B 25x22 DIN 5482 mit korrosionsbeständiger Buchse <i>Splined Ø24.5, B 25x22 DIN 5482 with corrosion resitant bushing</i>
F	Ovalflansch, vier Befestigungslöcher <i>Oval mount, four holes</i>		CB	Zylindrisch Ø32, Passfeder A10x8x45 DIN 6885 <i>Cylindrical Ø32, parallel key A10x8x45 DIN 6885</i>
Q	Quadratflansch, vier Gewindebohrungen <i>Square mount, four bolts</i>		KB	Konisch 1:10 Ø35, Passfeder B6x6x20 DIN 6885 <i>Tapered 1:10 Ø35, parallel key B6x6x20 DIN 6885</i>
Pos. 2	Lagerung <i>Bearing</i>		SB	Verzahnt A 25x22 DIN 5482 <i>Splined A 25x22 DIN 5482</i>
frei omit	Ohne Lager <i>Without bearing</i>		OB	Konisch 1:8 Ø1 1/4", Passfeder 5/16" x 5/16" x 1 1/4" BS46 <i>Tapered 1:8 Ø1 1/4", parallel key 5/16" x 5/16" x 1 1/4" BS46</i>
N*	Mit Radialnadellager <i>With needle bearings</i>		HB	Verzahnt Ø1 1/4" 14T ANSI B92.1 - 1976 <i>Splined Ø1 1/4" 14T ANSI B92.1 - 1976</i>
Pos. 3	Anschlussstyp <i>Port type</i>		Pos. 6	Wellendichtung <i>Shaft seal</i>
frei omit	Seitenanschluss <i>Side ports</i>		frei omit	Für niedrigen Druck oder "...B" Wellen <i>For low pressure or "...B" shafts</i>
E	Hintenanschluss <i>Rear ports</i>		D	Für hohen Druck <i>For high pressure</i>
Pos. 4	Schluckvolumen <i>Displacement</i>		U	Für Höchstdruck (ohne Rückschlagventile) <i>For highest pressure (without check valves)</i>
50	51,5 cm ³ /U ccm/rev [3.14 in ³ /rev]		Pos. 7	Leckölanschluss <i>Drain port</i>
80	80,3 cm ³ /U ccm/rev [4.90 in ³ /rev]		frei omit	Mit Leckölanschluss <i>With drain port</i>
100	99,8 cm ³ /U ccm/rev [6.09 in ³ /rev]		1	Ohne Leckölanschluss <i>Without drain port</i>
125	125,7 cm ³ /U ccm/rev [7.67 in ³ /rev]		Pos. 8	Anschlüsse <i>Ports</i>
160	159,6 cm ³ /U ccm/rev [9.74 in ³ /rev]		frei omit	BSPP (ISO 228)
200	199,8 cm ³ /U ccm/rev [12.19 in ³ /rev]		M	Metrisch metric (ISO 262)
250	250,1 cm ³ /U ccm/rev [15.26 in ³ /rev]		Pos. 9	Sonderausführungen <i>Special features</i>
315	315,7 cm ³ /U ccm/rev [19.26 in ³ /rev]		RS	Drehzahlsensor <i>Speed sensor</i>
400	397,0 cm ³ /U ccm/rev [24.40 in ³ /rev]		T	Tachowelle <i>Tacho connection</i>
Pos. 5	Abtriebswelle ** <i>Shaft **</i>		LL	Geringeres Lecköl <i>Low Leakage</i>
C	Zylindrisch Ø25, Passfeder A8x7x32 DIN 6885 <i>Cylindrical Ø25, parallel key A8x7x32 DIN 6885</i>		LSV	Ventil für geringe Drehzahlen <i>Low speed valve</i>
VC	Zylindrisch Ø25, Passfeder A8x7x32 DIN 6885 mit korrosionsbeständiger Buchse <i>Cylindrical Ø25, parallel key A8x7x32 DIN 6885 with corrosion resitant bushing</i>		FR	Leichtlaufausführung (nicht für EPRM-N) <i>Free running (not for EPRM-N)</i>
CO	Zylindrisch Ø1", Passfeder 1/4" x 1/4" x 1 1/4" BS46 <i>Cylindrical Ø1", parallel key 1/4" x 1/4" x 1 1/4" BS46</i>		R	Drehrichtung umgedreht <i>Reverse rotation</i>
VCO	Zylindrisch Ø1", Passfeder 1/4" x 1/4" x 1 1/4" BS46 mit korrosionsbeständiger Buchse <i>Cylindrical Ø1", parallel key 1/4" x 1/4" x 1 1/4" BS46 with corrosion resitant bushing</i>		P	Lackiert (Farbe auf Anfrage) <i>Paint (Colour on request)</i>
SH	Verzahnt Ø25,32, BS2059 (SAE 6 B) <i>Splined Ø25.32, BS2059 (SAE 6 B)</i>		PC	Korrosionsschutzfarbe (Farbe auf Anfrage) <i>Corrosion protected paint (Colour on request)</i>
VSH	Verzahnt Ø25,32, BS2059 (SAE 6 B) mit korrosionsbeständiger Buchse <i>Splined Ø25.32, BS2059 (SAE 6 B) with corrosion resitant bushing</i>		Pos. 10	Design Serie <i>Design series</i>
K	Konisch 1:10 Ø28,56, Passfeder B5x5x14 DIN 6885 <i>Tapered 1:10 Ø28.56, parallel key B5x5x14 DIN 6885</i>		frei omit	Betriebsspezifisch <i>Factory specified</i>

* Nur mit Hochdruckdichtung (Pos. 6 Option D oder U) erhältlich
Only with high pressure seal (pos. 6 option D or U) available

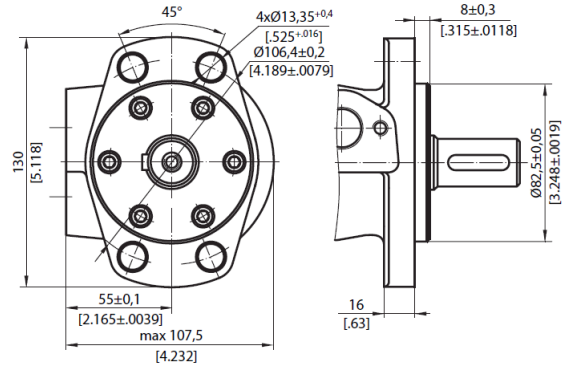
** Zulässige Momentabgabe darf nicht überschritten werden
Permissible output torque should not be exceeded

Pos. 1 Montageflansch *Mounting flange*

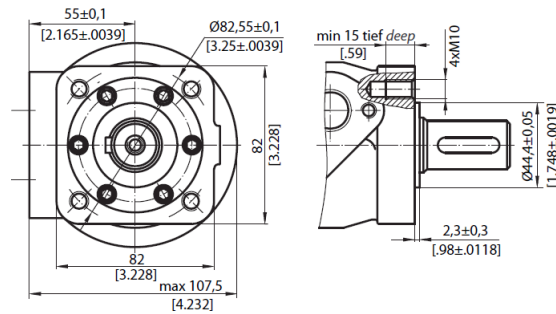
Standard: Ovalflansch, zwei Befestigungslöcher
Standard: Oval mount, two holes



Option F: Ovalflansch, vier Befestigungslöcher
Option F: Oval mount, four holes

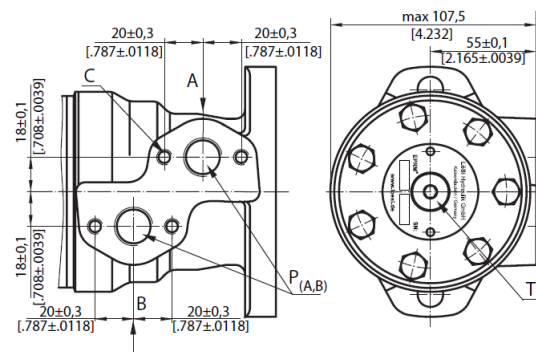


Option Q: Quadratflansch, vier Gewindebohrungen
Option Q: Square mount, four bolts

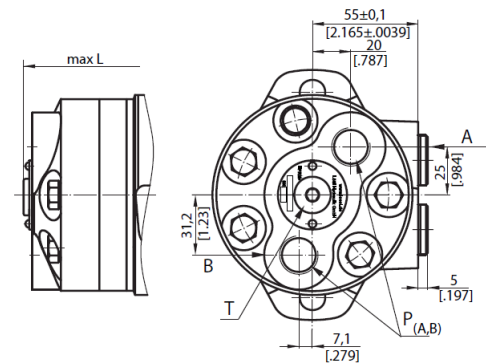


Pos. 3 Anschlussstyp *Port type*

Standard: Seitenanschluss
Standard: Side ports



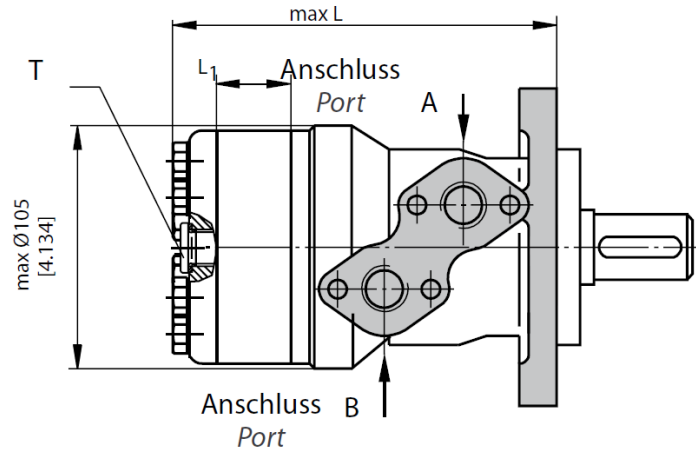
Option E: Hintenanschluss
Option E: Rear ports



- C: 4xM8 - 13mm [.51 in] tief deep
- P (A,B): 2xG1/2 oder or 2xM22x1,5 - 15mm [.59 in] tief deep
- T: G1/4 oder or M14x1,5 - 12 mm [.47 in] tief deep



Pos. 4 Schluckvolumen *Displacement*



Standarddrehung

mit Blick auf Abtriebswelle
Druck auf Anschluss **A** - rechtsdrehend
Druck auf Anschluss **B** - linksdrehend

Standard rotation

Viewed from shaft end
Port **A** pressurized- right running
Port **B** pressurized- left running

Reversierdrehung (Pos. 9 - Option R)

mit Blick auf Abtriebswelle
Druck auf Anschluss **A** - linksdrehend
Druck auf Anschluss **B** - rechtsdrehend

Reversierdrehung (Pos. 9 - Option R)

Viewed from shaft end
Port **A** pressurized- left running
Port **B** pressurized- right running

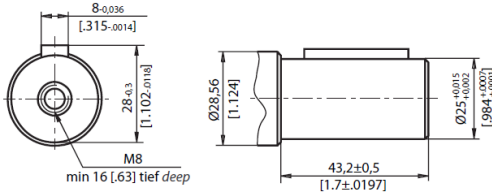
Einbaumaße mm [in.]

Dimensions mm [in.]

	L mm [in]	Q	L mm [in]	F/E	L mm [in]	Q/E	L mm [in]	L ₁ mm [in]
50	138,0 [5.43]		143,5 [5.65]		157,5 [6.20]		163,5 [6.44]	9,0 [.35]
80	143,0 [5.63]		148,5 [5.85]		162,5 [6.40]		168,5 [6.63]	14,0 [.55]
100	146,0 [5.75]		152,0 [5.98]		165,5 [6.52]		171,5 [6.75]	17,4 [.69]
125	150,5 [5.93]		156,5 [6.16]		170,0 [6.69]		176,0 [6.93]	21,8 [.86]
160	156,5 [6.16]		162,5 [6.40]		176,0 [6.93]		182,0 [7.17]	27,8 [1.09]
200	163,5 [6.44]		169,5 [6.67]		183,0 [7.20]		189,0 [7.44]	34,8 [1.37]
250	172,0 [6.77]		179,0 [7.05]		192,0 [7.56]		198,0 [7.80]	43,5 [1.71]
315	183,0 [7.20]		189,0 [7.44]		204,0 [8.03]		210,0 [8.27]	54,8 [2.16]
400	198,0 [7.80]		204,0 [8.03]		218,0 [8.58]		224,0 [8.82]	69,4 [2.73]

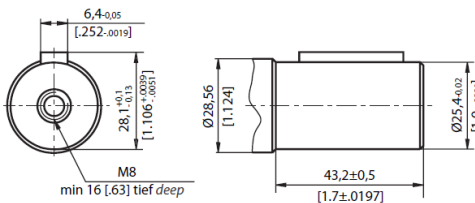
Pos. 5 Abtriebswelle Shaft

Option C: Zylindrisch Ø25 mm Option C: Cylindrical Ø25 mm



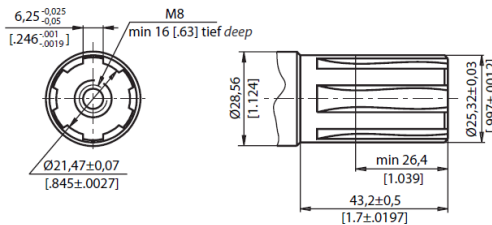
Max. Drehmomentabgabe 34 daNm [3010 lb-in]
Max. Torque 34 daNm [3010 lb-in]

Option CO: Zylindrisch Ø1" Option CO: Cylindrical Ø1"



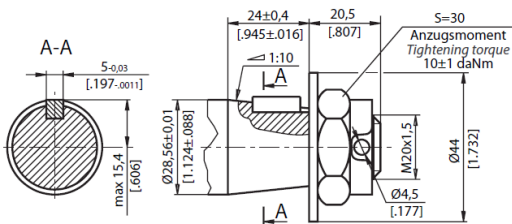
Max. Drehmomentabgabe 34 daNm [3010 lb-in]
Max. Torque 34 daNm [3010 lb-in]

Option SH: Verzahnt BS 2059 Option SH: Splined BS 2059



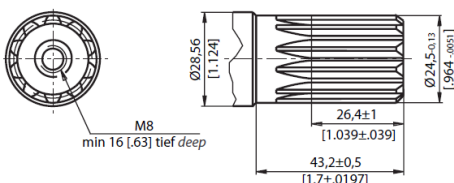
Max. Drehmomentabgabe 40 daNm [3540 lb-in]
Max. Torque 40 daNm [3540 lb-in]

Option K: Konisch 1:10 Option K: Tapered 1:10



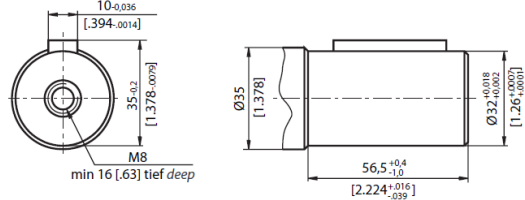
Max. Drehmomentabgabe 40 daNm [3540 lb-in]
Max. Torque 40 daNm [3540 lb-in]

Option SA: Verzahnt B 25x22 DIN 5482 Option SA: Splined B 25x22 DIN 5482



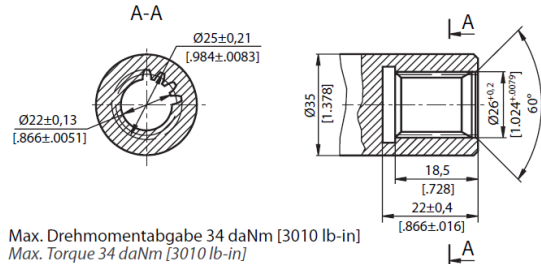
Max. Drehmomentabgabe 40 daNm [3540 lb-in]
Max. Torque 40 daNm [3540 lb-in]

Option CB: Zylindrisch Ø32 mm Option CB: Cylindrical Ø32 mm



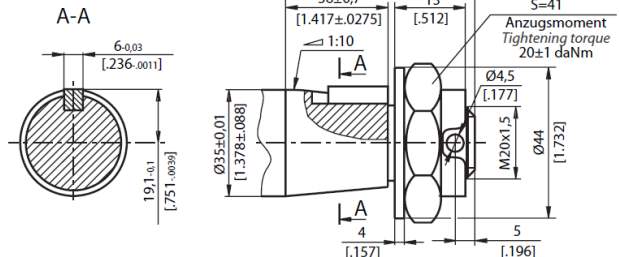
Max. Drehmomentabgabe 77 daNm [6815 lb-in]
Max. Torque 77 daNm [6815 lb-in]

Option SB: Verzahnt A 25x22 DIN 5482 Option SB: Splined A 25x22 DIN 5482



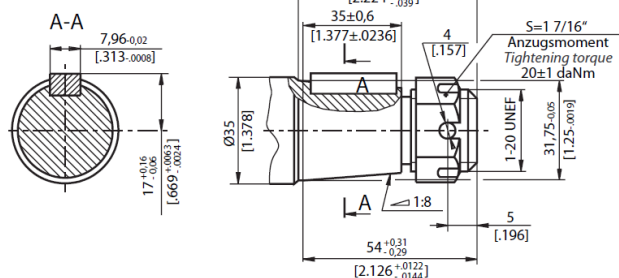
Max. Drehmomentabgabe 34 daNm [3010 lb-in]
Max. Torque 34 daNm [3010 lb-in]

Option KB: Konisch 1:10 Option KB: Tapered 1:10



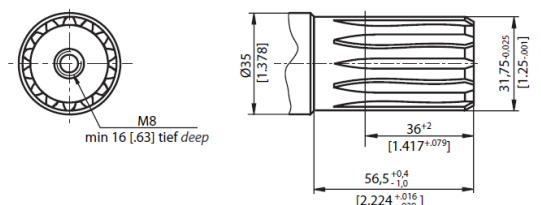
Max. Drehmomentabgabe 77 daNm [6815 lb-in]
Max. Torque 77 daNm [6815 lb-in]

Option OB: Konisch 1:8 Option OB: Tapered 1:8



Max. Drehmomentabgabe 77 daNm [6815 lb-in]
Max. Torque 77 daNm [6815 lb-in]

Option HB: Verzahnt ANSI B92.1-1976 Option HB: Splined ANSI B92.1-1976



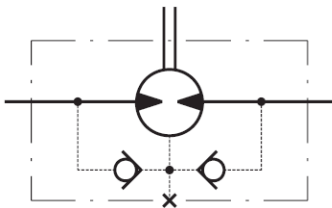
Max. Drehmomentabgabe 77 daNm [6815 lb-in]
Max. Torque 77 daNm [6815 lb-in]

Pos. 6 + **Pos. 7**

Wellendichtung und Leckölanschluss
Shaft seal and drain connection

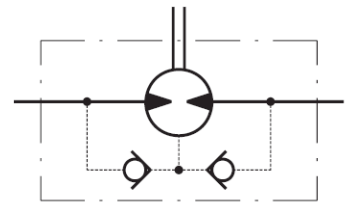
Schaltzeichen *Graphic symbol*

Standard oder Option D
Standard or Option D



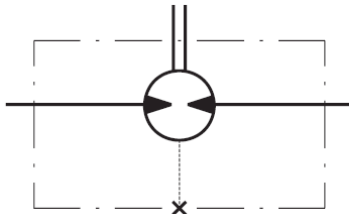
Der Druck auf die Wellendichtung entspricht dem Druck in der Leckölleitung.

Standard oder Option D und Option 1
Standard or Option D and Option 1

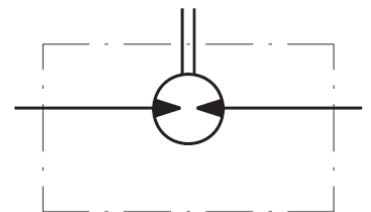


Der Druck auf die Wellendichtung übersteigt nie den Druck in der Rücklaufleitung.

Option U
Option U

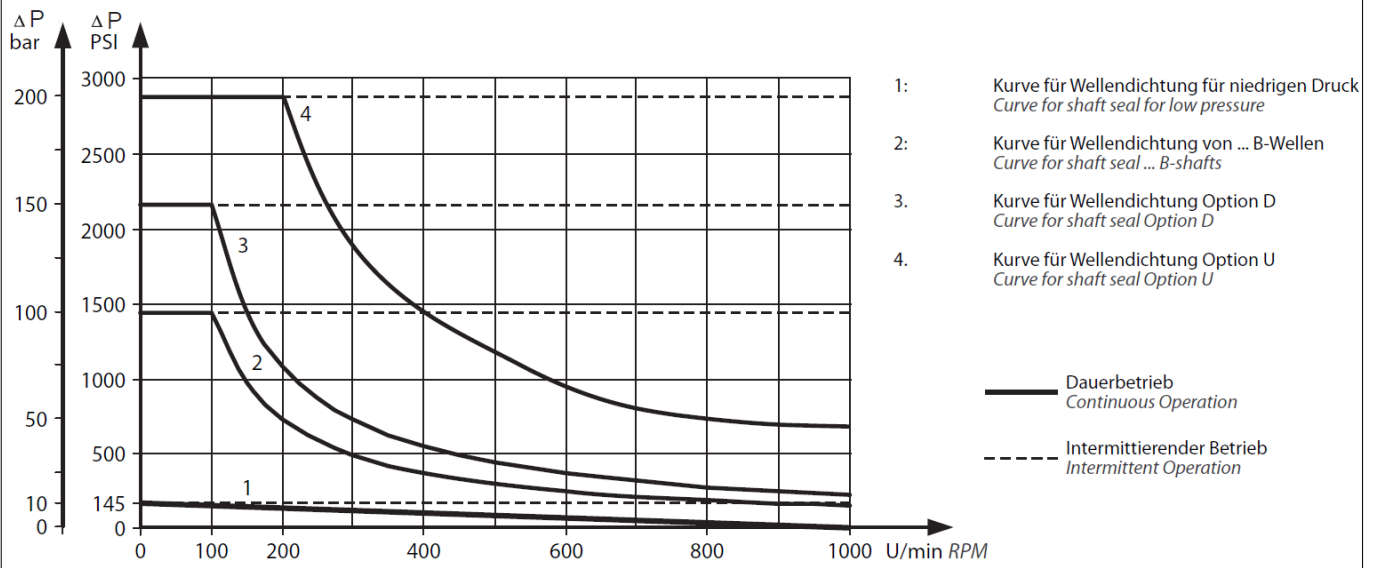


Option U und Option 1
Option U and Option 1



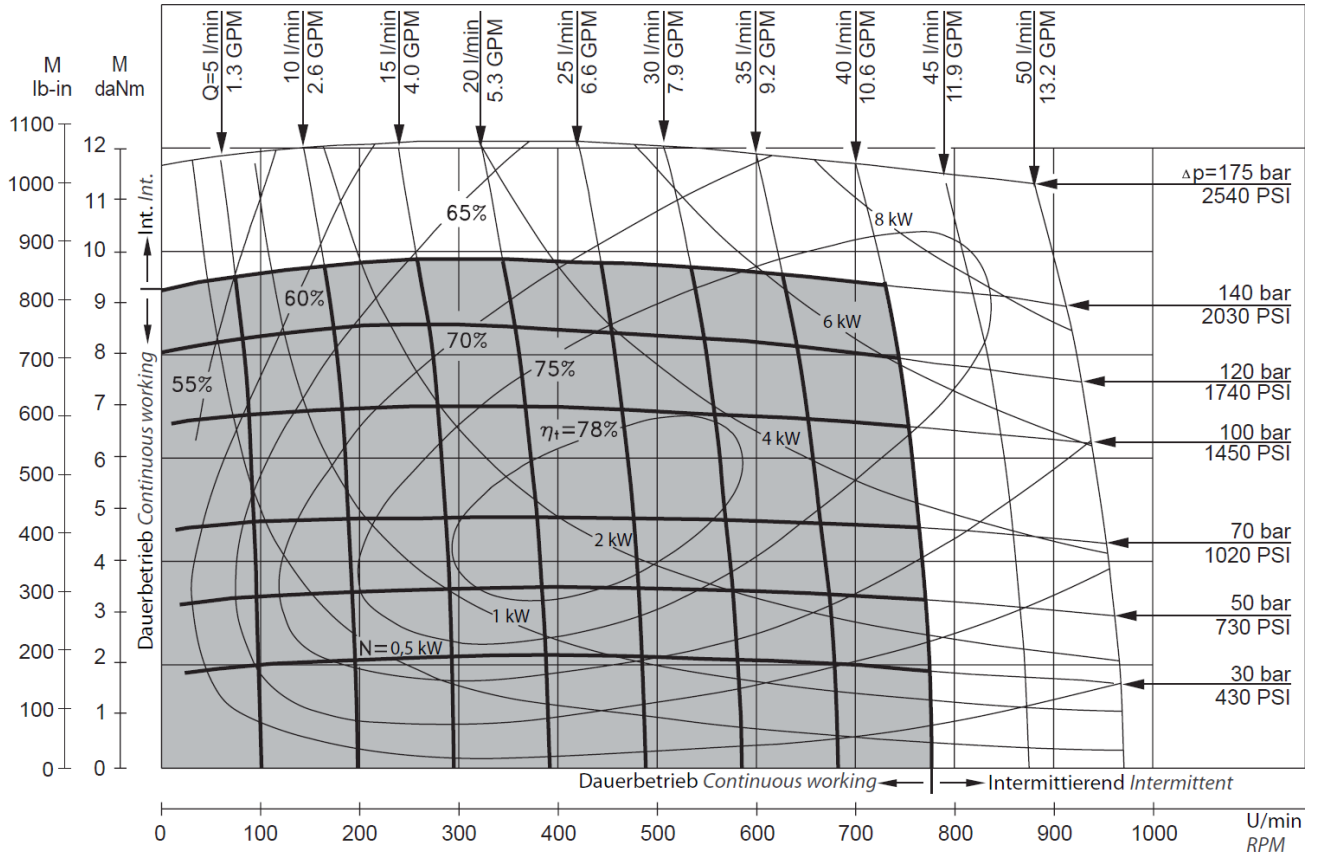
Der Druck auf die Wellendichtung entspricht dem Durchschnitt von Eingangsdruck und Rücklaufdruck.

Max. Rücklaufdruck ohne Leckölleitung oder max. Druck in der Leckölleitung
Max. return pressure without drain line or max. pressure in the drain line

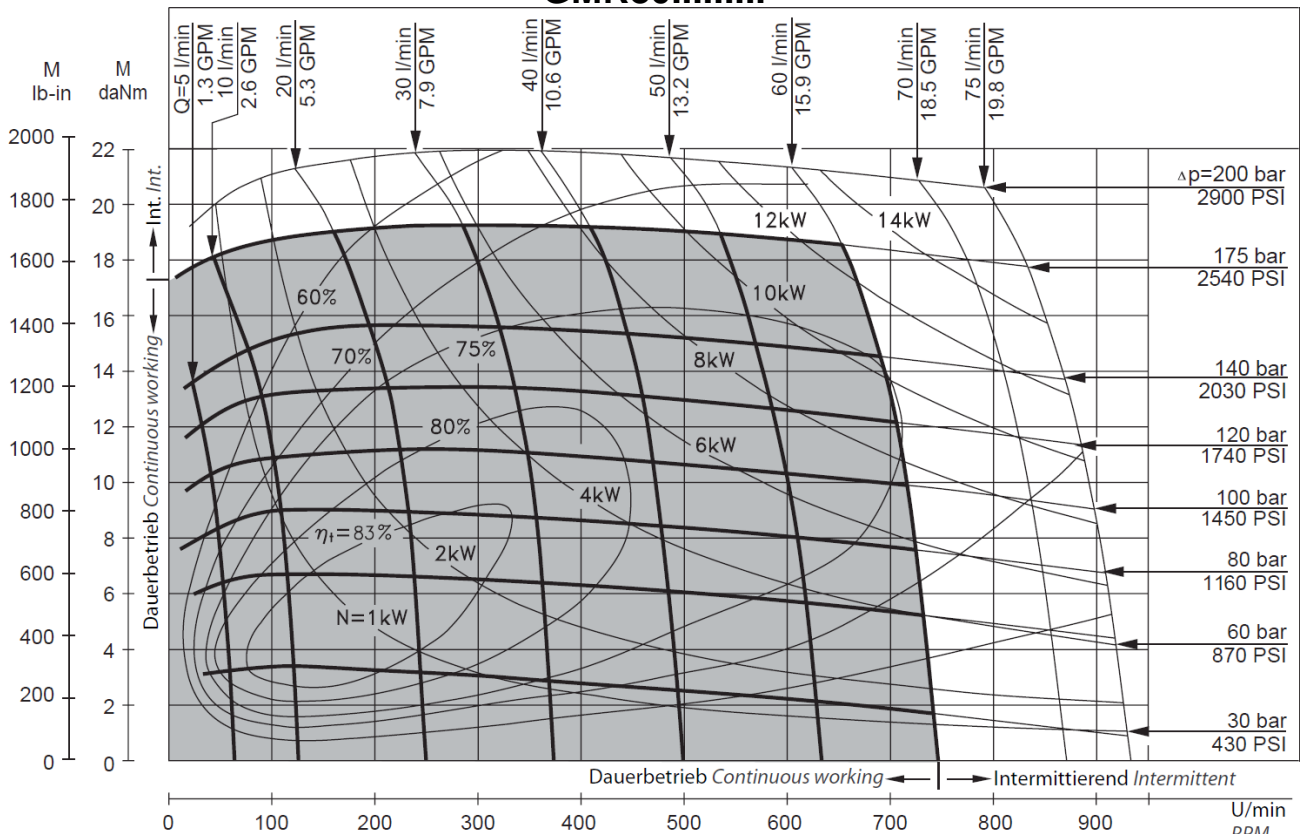


Leistungsdiagramm

GMR50.....

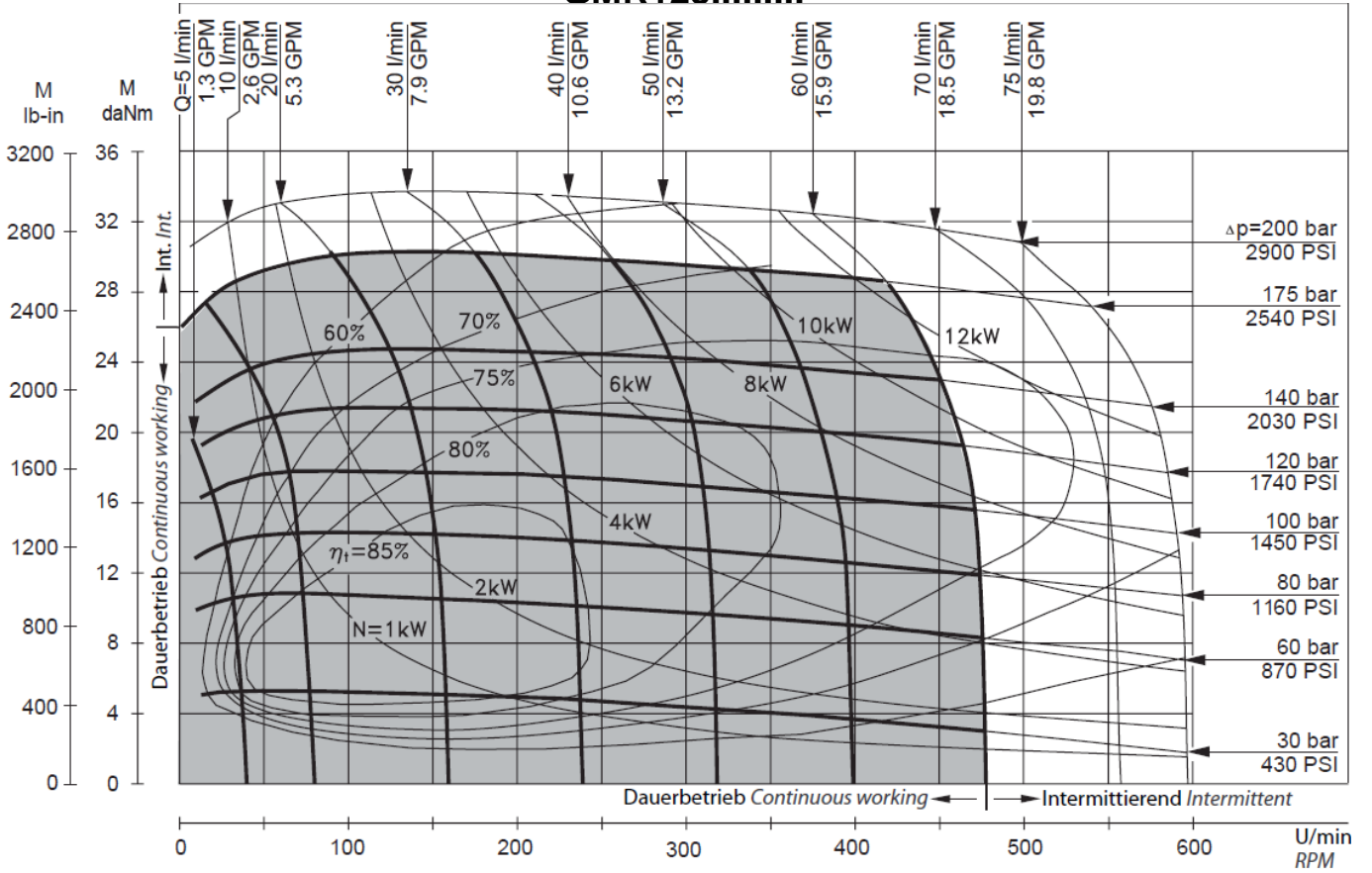


GMR80.....

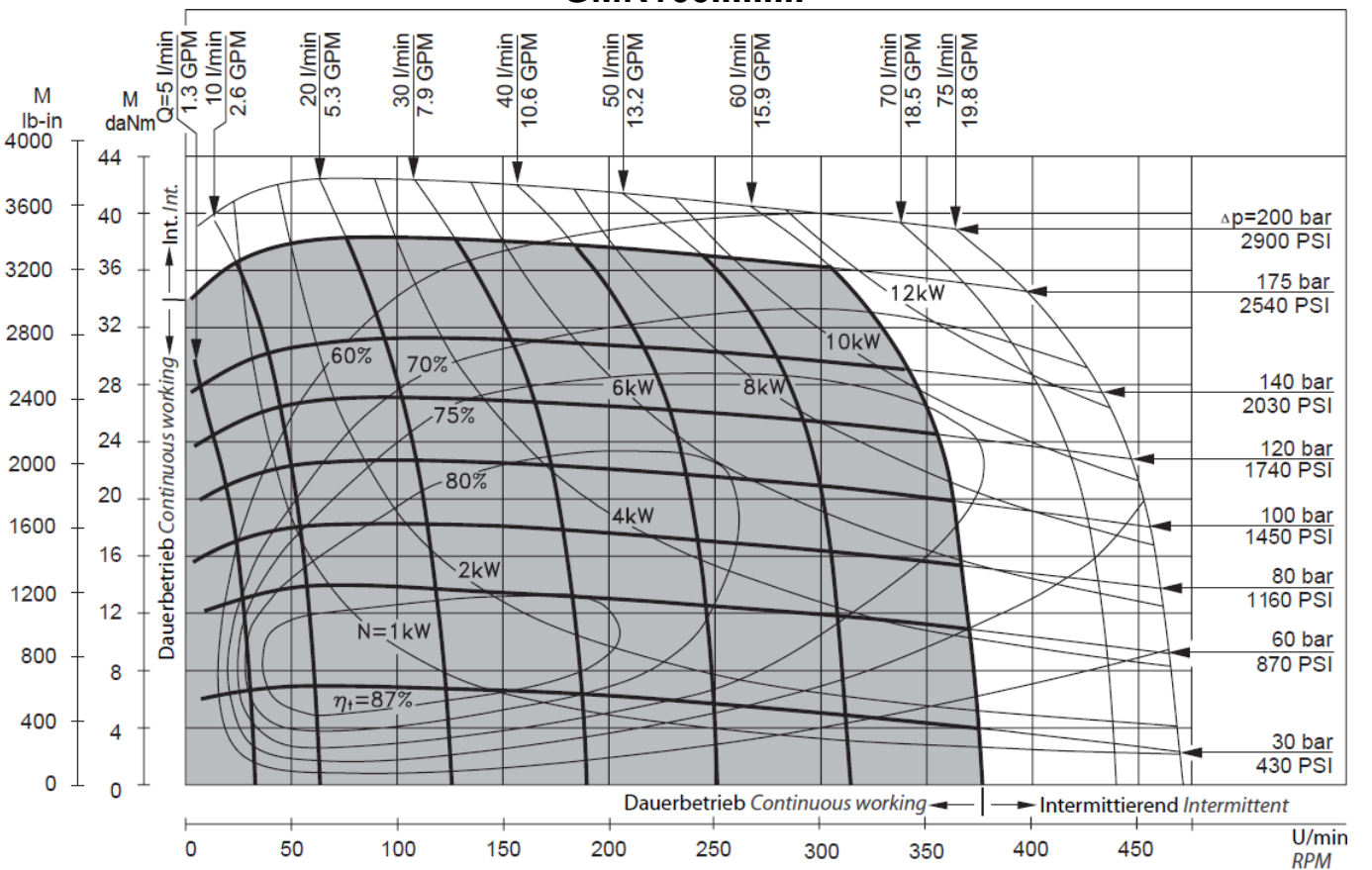


Leistungsdiagramm

GMR125.....

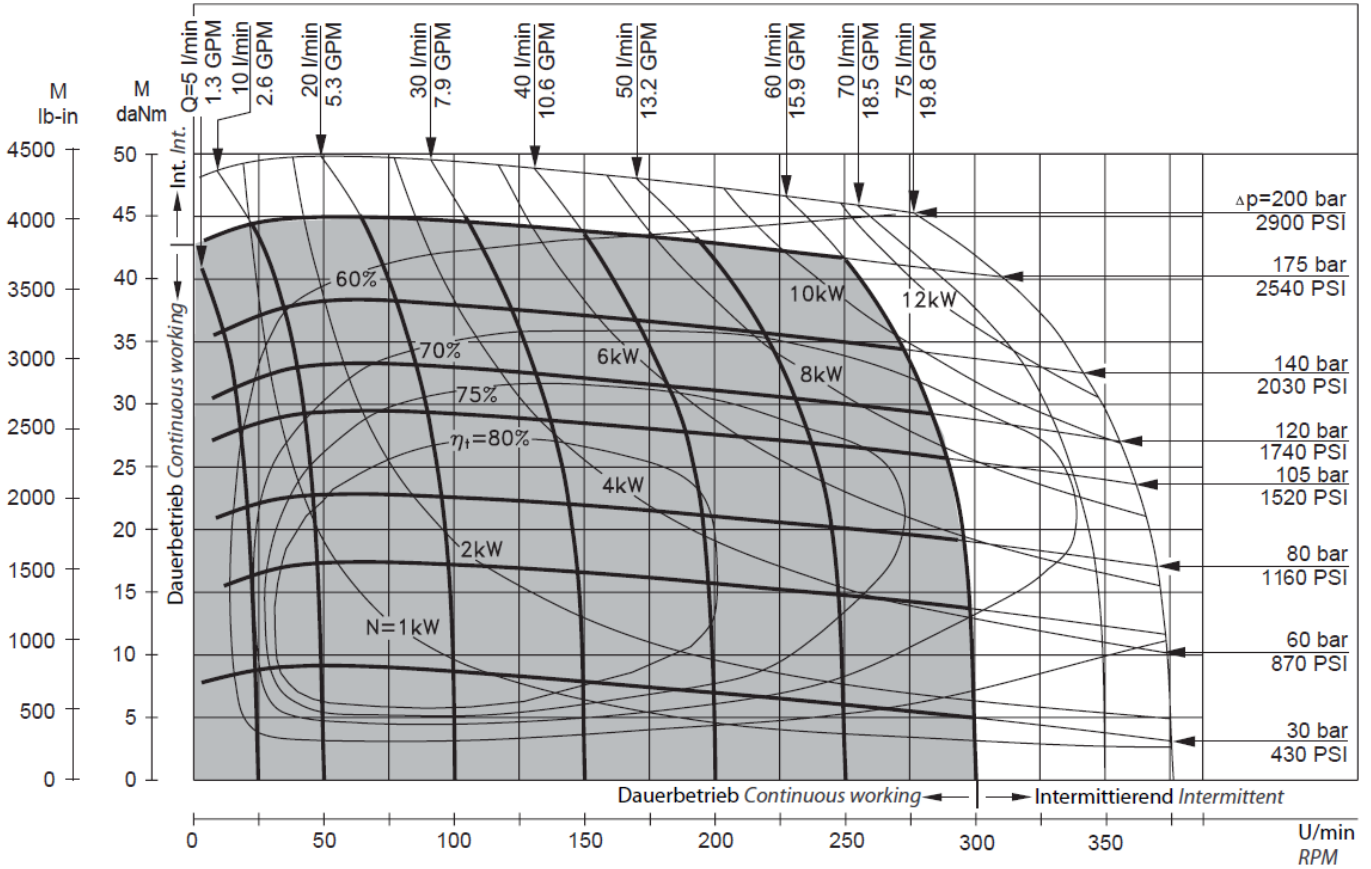


GMR160.....

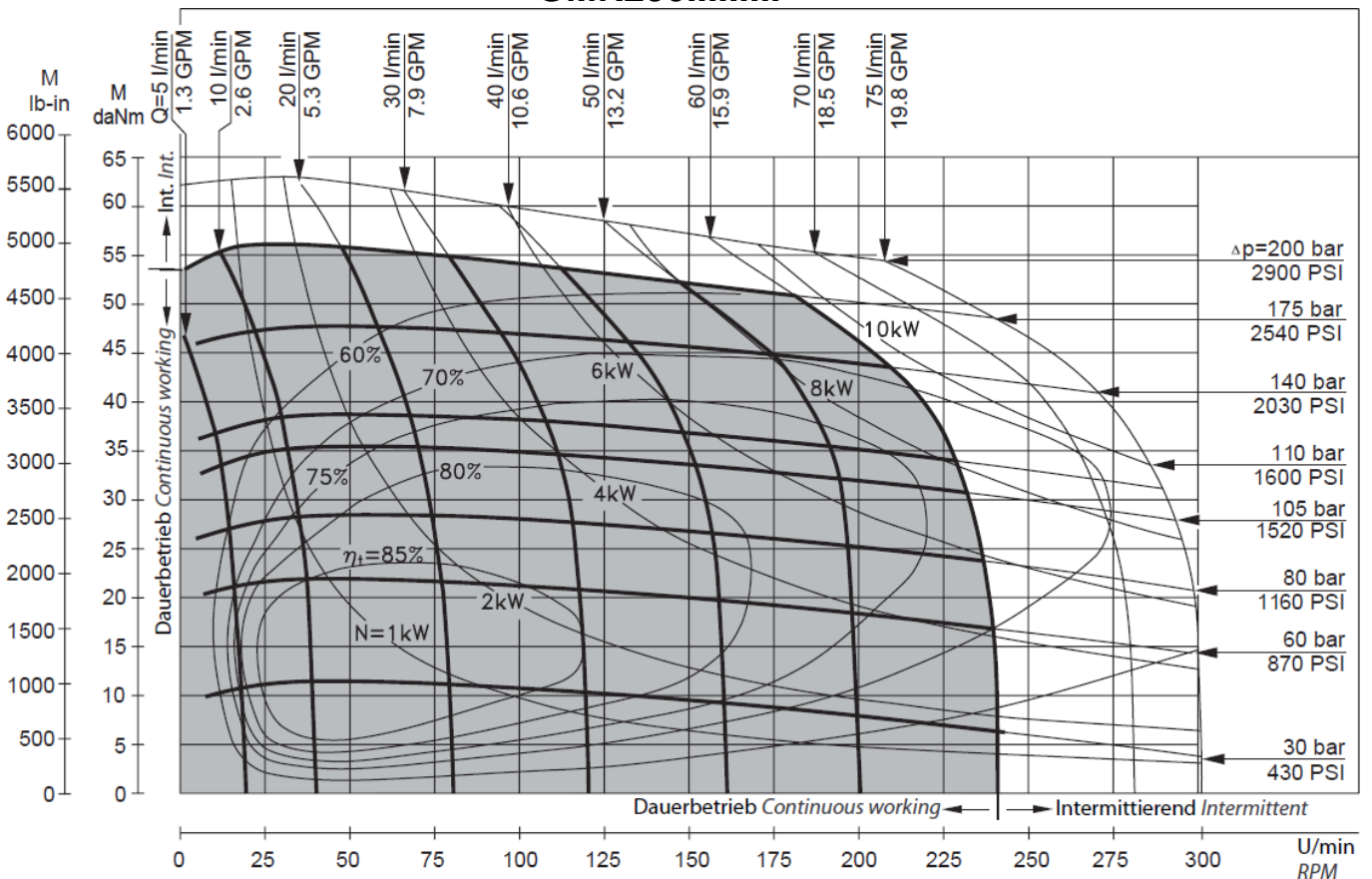


Leistungsdiagramm

GMR200.....

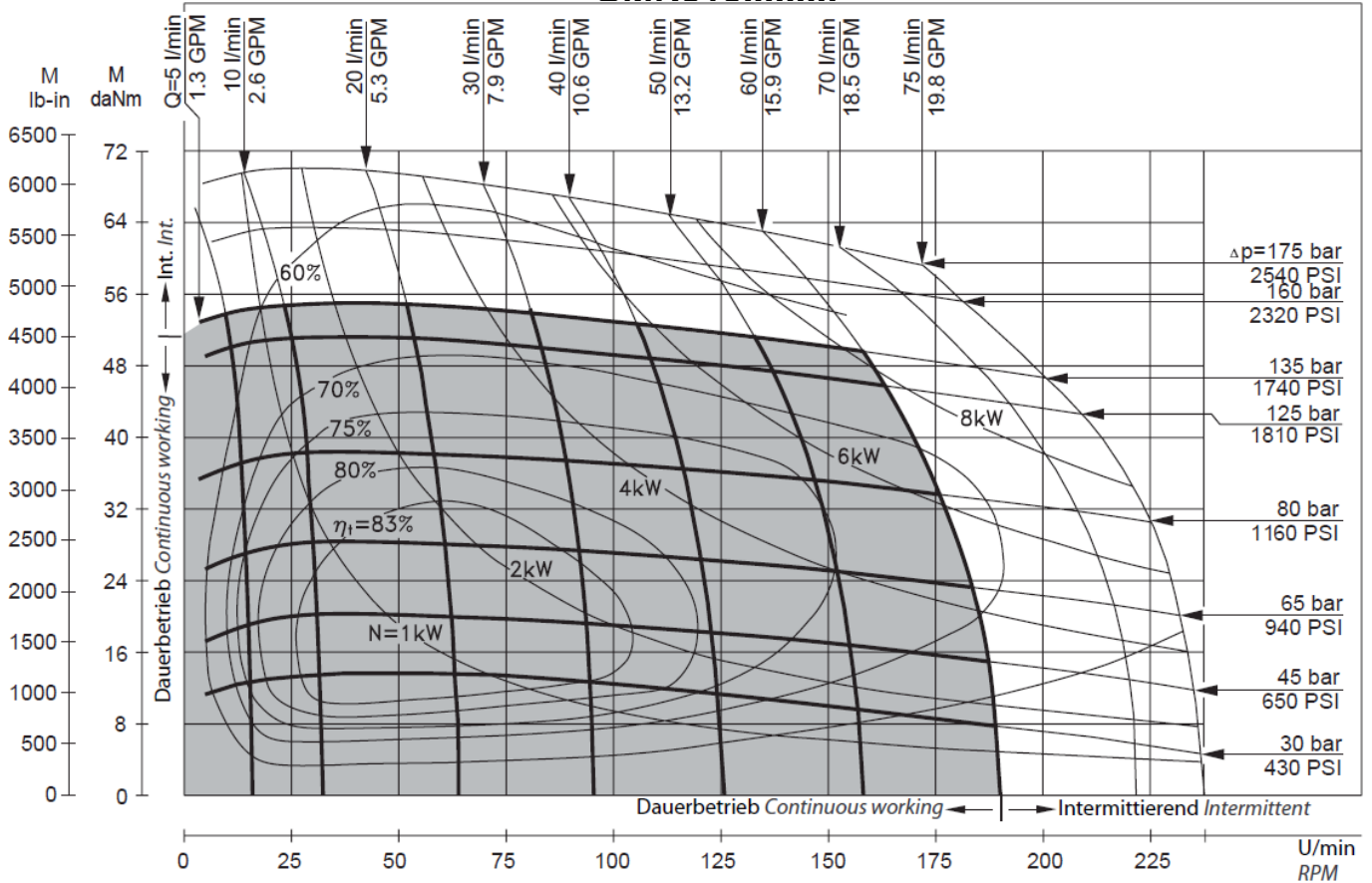


GMR250.....

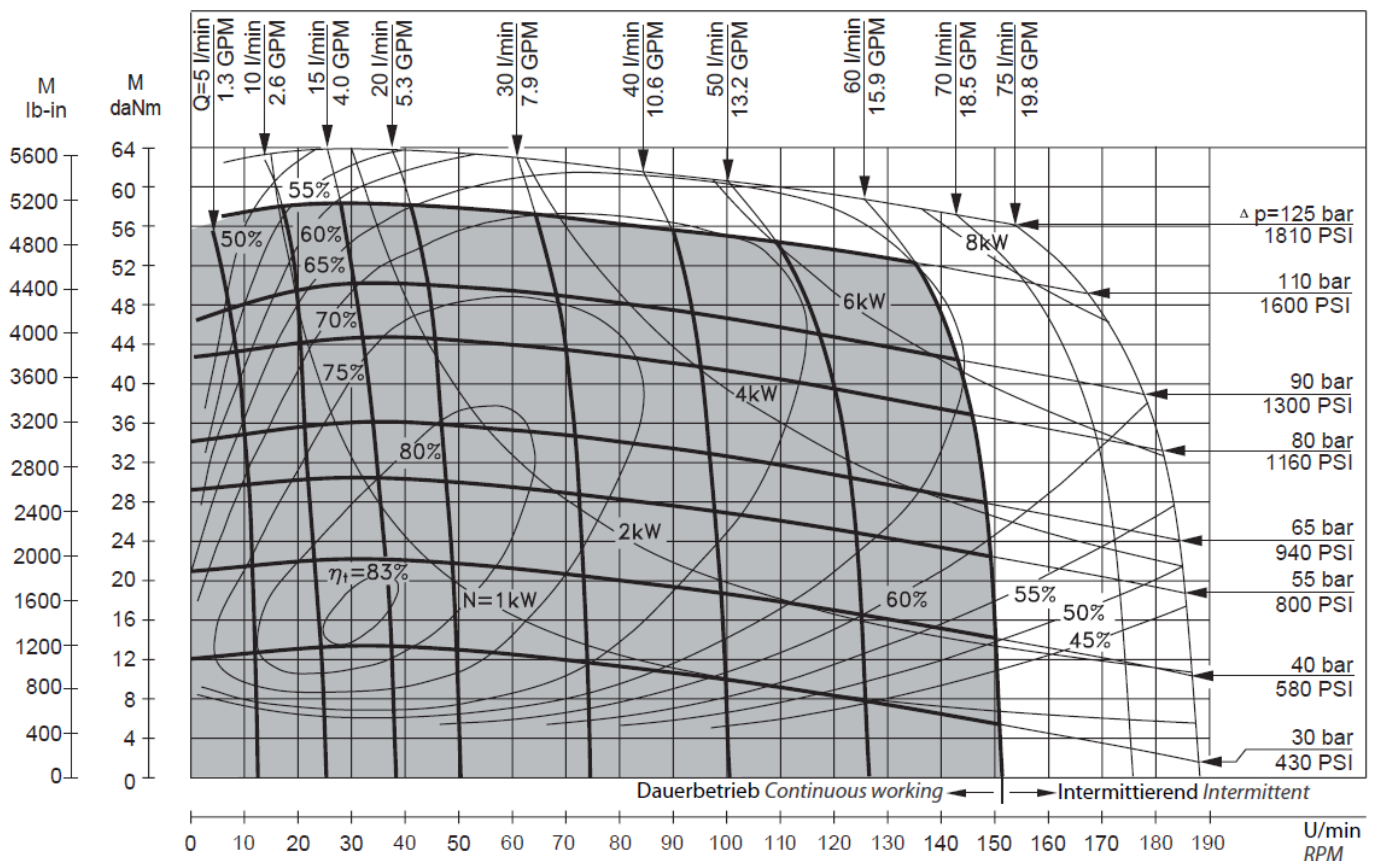


Leistungsdiagramm

GMR315.....

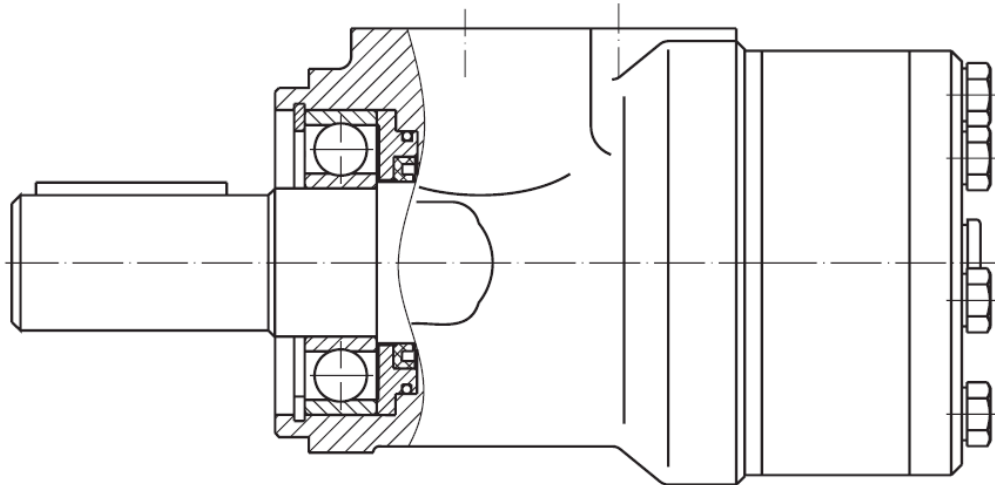


GMR400.....

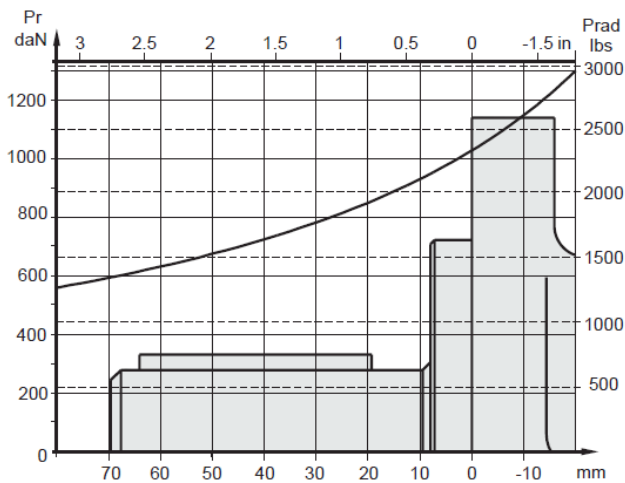


Sondertypen

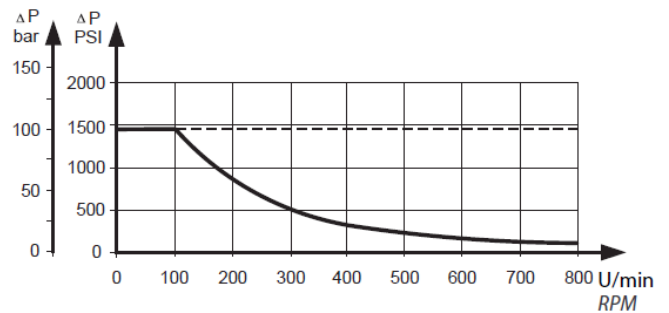
Abtriebswelle wirken (insbesondere beim Starten und Stoppen).
Die Abtriebswelle des Hydraulikmotors ist mit einem Radialkugellager gelagert. Dadurch werden die Radialkräfte abgefangen.



Zulässige Wellenbelastung
Permissible shaft load



Max. zulässiger Druck auf die Wellendichtung
Max. permissible shaft seal pressure



— Dauerbetrieb
Continuous Operation

- - - Intermittierender Betrieb
Intermittent Operation

