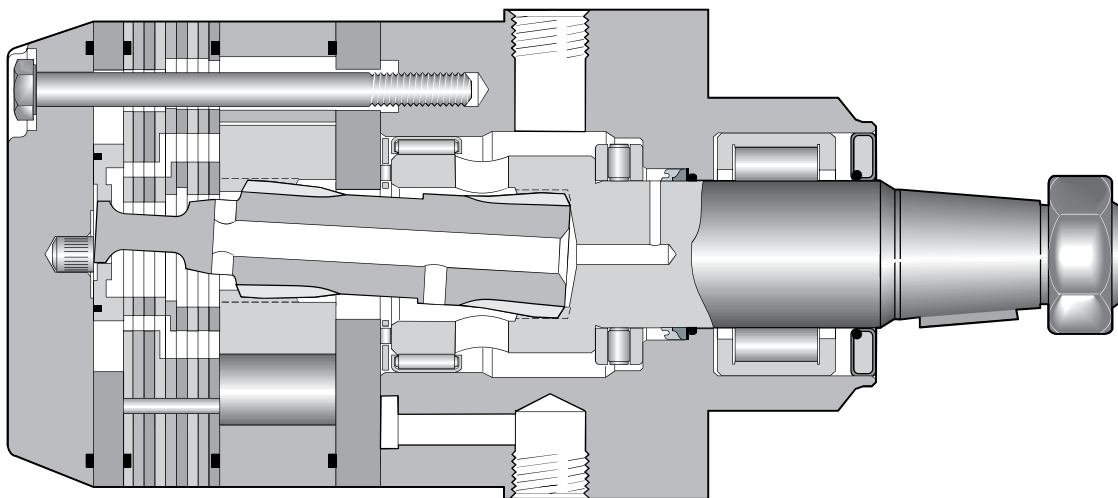
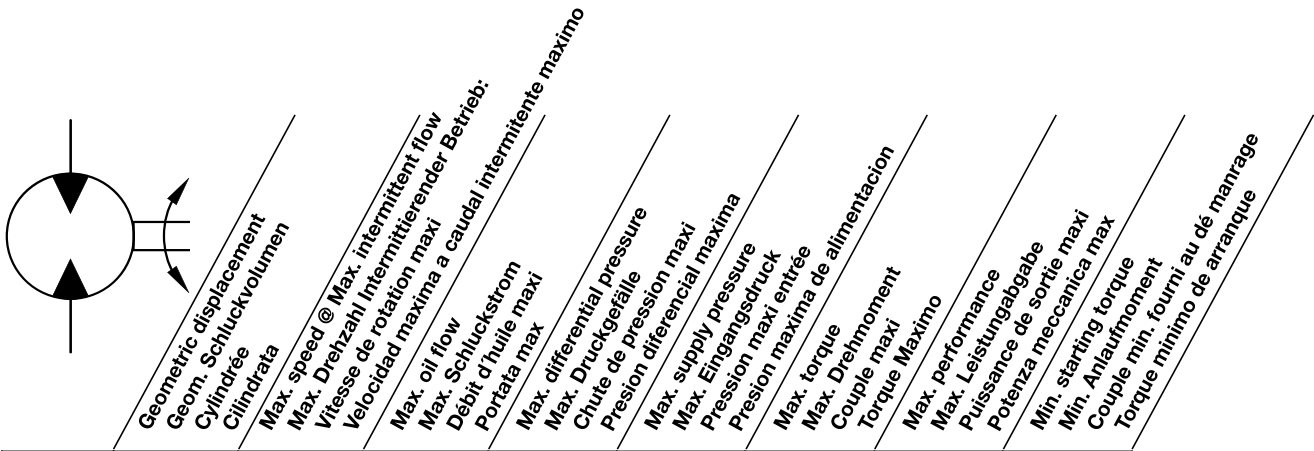


13 Displacements 13 Schluckvolumen 13 Cylindrée 13 Despazamientos	(8.6 to 58.5 in ³ /rev) 141 ... 959 cm ³ /rev
Maximum Pressure Eingangsdruck Pression entrée Presion Maxima	Cont. (3000 psid) ... 207 bar Int. (4000 psid) ... 276 bar
Maximum Oil Flow Schluckstrom Débit d'huile Caudal Maximo de Aceite	(30 gpm) ... 114 lpm
Maximum Speed Drehzahl Vitesse de rotation Velocidad Maxima	(660 rpm) 660 rpm
Maximum Torque MaxDrehmoment Couple Torque Maximo	Cont. (8,772 lb in) 991 Nm Int. (11,876 lb in) 1342 Nm
Maximum Side Load at Key Seitenlast Charges latérales Carga Maxima Lateral	(4800 lb) ... 21360 N

A Rugged Motor for Heavy Duty, High Side Load Applications

This motor was designed for tough applications. A stout drive link with patented 60:40 spline geometry will transmit over 13,000 lb-in of torque. The 1-1/2" output shaft can support 7000 pounds of radial load. Efficiency is assured by the use of roller vanes and sealed commutator. Durability is maintained by continually washing the powertrain splines and shaft seal in cooling fluid.





Motor Series TH	cm ³ /rev in ³ /rev	rev/min	cont / int* l/min g/min	cont / int* bar psid	max bar psig	cont / int* Nm lb-in	max KW HP	cont / int* Nm lb-in
TH 0140	141 8.6	660	76 95 20 25	207 276 3000 4000	300 4350	390 530 3455 4692	33 45	315 418 2791 3706
TH 0170	169 10.3	554	76 95 20 25	207 276 3000 4000	300 4350	476 646 4216 5714	33 45	376 505 3331 4469
TH 0195	195 11.9	477	76 95 20 25	207 276 3000 4000	300 4350	556 753 4919 6663	33 45	451 611 3989 5408
TH 0240	238 14.5	393	76 95 20 25	207 276 3000 4000	300 4350	677 913 5991 8081	32 44	582 776 5152 6865
TH 0280	280 17.1	334	76 95 20 25	207 276 3000 4000	300 4350	796 1073 7044 9499	31 42	675 870 5972 7699
TH 0310	310 18.9	303	76 95 20 25	207 276 3000 4000	300 4350	964 1297 8533 11479	30 41	843 1117 7458 9889
TH 0335	337 20.6	277	76 95 20 25	207 276 3000 4000	300 4350	924 1229 8184 10817	31 41	778 1005 6882 8893
TH 0405	405 24.7	232	76 95 20 25	172 241 2500 3500	300 4350	942 1342 8336 11877	27 37	791 1145 7002 10133
TH 0475	477 29.1	237	76 114 20 30	138 207 2000 3000	300 4350	887 1372 7853 12145	28 38	740 1120 6549 9909
TH 0530	528 32.3	213	76 114 20 30	138 172 2000 2500	300 4350	983 1253 8701 11086	23 31	874 1091 7737 9657
TH 0625	623 38.0	182	76 114 20 30	121 155 1750 2250	300 4350	986 1291 8727 11424	20 27	895 1165 7924 10312
TH 0785	786 48.0	143	76 114 20 30	103 138 1500 2000	300 4350	1044 1428 9239 12636	17 23	991 1341 8772 11876
TH 0960	959 58.5	118	76 114 20 30	69 103 1000 1500	300 4350	773 1268 6843 11227	12 16	763 1177 6752 10419

Performance data based on testing using 10W40 oil with a viscosity of 200 SUS at 54° C (130° F). Performance data is typical. Actual data may vary slightly from one production motor to another.

Les données sur les performances sont basées sur des tests utilisant de l'huile 10W40 d'une viscosité de 200 SUS à 54°C (130°F). Ces données correspondent à des situations typiques. Les données réelles peuvent varier légèrement d'un moteur de production à l'autre. Leistungsdaten sind gemessen mit SAE 10W40 bei einer Viskosität von 43,1 Cst bei 54°C. Geringfügige Abweichungen von den Katalogdaten sind möglich.

Datos tecnicos obtenidos con aceite 10W40 de 200 SUS de viscosidad a 54°C (130°F). Los datos proporcionados son valores típicos. Los valores exactos reales podrían tener una pequeña variación entre distintos motores.

* Intermittent operation rating applies to 10% of every minute. Intermittierende Werte maximal 10% von jeder Betriebsminute. Fonctionnement interm. 10% max. de chaque minute d'utilisation. Capacidad de funcionamiento intermitente valida para 10% por cada minuto.