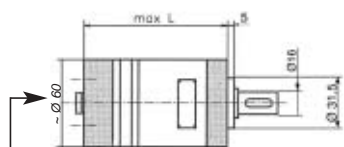


Hydraulic gerotor motors

HK-EPMM

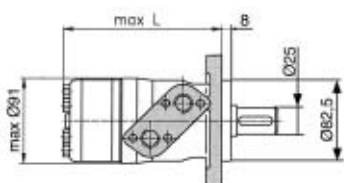


Oil connectors at back
A+B – 3/8", leak oil – 1/4"
Standard variant

Code	Displacement cm ³ /rev.	Max. speed rpm	Max. torque daNm	Max. flow rate l/min	Max. pressure gradient bar	Shaft diameter mm	Dimension L mm	Weight kg
HK EPMM 008 C	8.2	1950	1.1	16	100	16	104	1.90
HK EPMM 012 C	12.9	1550	1.6	20	100	16	106	2.00
HK EPMM 020 C	20.0	1000	2.5	20	100	16	109	2.10
HK EPMM 032 C	31.8	630	4.0	20	100	16	114	2.20
HK EPMM 040 C	40.0	500	4.1	20	80	16	118	2.30
HK EPMM 050 C	50.0	400	4.5	20	70	16	122	2.40
HK EPMM F	Flange for EPMM motors				Pitch 80	Borehole 2x9	0.18 kg	

As a rule, connect oil overflow line to „C“ motors!

HK-EPM



Oil connectors – A+B 1/2"
Leak oil – 1/4"
Standard variant

Two-holed flange
Hole circle 106.4

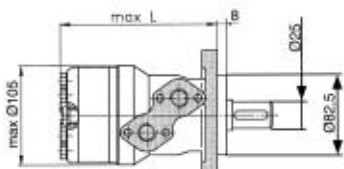
Code	Displacement cm ³ /rev.	Max. speed rpm	Max. torque daNm	Max. flow rate l/min	Max. pressure gradient bar	Shaft diameter mm	Dimension L mm	Weight kg
HK EPM 025 C D	25.0	1600	3.3	40	100	25	133	5.60
HK EPM 032 C D	32.0	1560	4.3	50	100	25	135	5.60
HK EPM 040 C D	39.7	1510	6.4	60	120	25	135	5.80
HK EPM 050 C (*)	49.5	1210	7.9	60	140	25	136	5.80
HK EPM 080 C (*)	79.2	755	13.2	60	140	25	140	5.90
HK EPM 100 C (*)	99.0	605	16.4	60	140	25	141	6.10
HK EPM 125 C (*)	123.8	486	20.5	60	140	25	145	6.20
HK EPM 160 C (*)	158.4	378	26.4	60	140	25	150	6.40
HK EPM 200 C (*)	198.0	303	26.5	60	140	25	155	6.60
HK EPM 250 C (*)	247.5	242	27.6	60	110	25	162	6.80
HK EPM 315 C (*)	316.8	190	28.5	60	90	25	171	7.10
HK EPM 400 C (*)	396.0	150	29.0	60	70	25	182	7.60
HK EPM 500 C (*)	495.0	120	32.5	60	60	25	195	9.00
HK EPM 630 C (*)	623.0	95	36.0	60	55	25	213	9.50

* These motors are also available from stock with high pressure seal „D“.

As a rule, connect oil overflow line to „C“ motors!

Hydraulic geroller motors

HK-EPRM



Oil connectors – A+B 1/2"
Leak oil at back – 1/4"
Standard variant

Two-holed flange
Hole circle 106.4

Code	Displacement cm ³ /rev.	Max. speed rpm	Max. torque daNm	Max. flow rate l/min	Max. pressure gradient bar	Shaft diameter mm	Dimension L mm	Weight kg
HK EPRM 050 C (*)	51.5	775	10.1	60	140	25	138	6.80
HK EPRM 080 C (*)	80.3	750	19.5	60	175	25	143	6.90
HK EPRM 100 C (*)	99.8	600	24.0	60	175	25	147	7.20
HK EPRM 125 C (*)	125.7	475	30.0	60	175	25	151	7.30
HK EPRM 160 C (*)	159.6	375	39.0	60	175	25	157	7.50
HK EPRM 200 C (*)	199.8	300	38.5	60	140	25	164	8.00
HK EPRM 250 C (*)	250.1	240	39.0	60	110	25	173	8.40
HK EPRM 315 C (*)	315.7	190	39.0	60	90	25	184	9.10
HK EPRM 400 C (*)	397.0	150	38.0	60	70	25	198	9.80

* These motors are also available from stock with high pressure seal „D“.

As a rule, connect oil overflow line to „C“ motors!

HK-EPMS

Code	Displacement cm ³ /rev.	Max. speed rpm	Max. torque daNm	Max. flow rate l/min	Max. pressure gradient bar	Shaft diameter mm	Dimension mm L	Weight kg
HK EPMS 080 C	80.5	810	20.0	65	175	32	166	9.80
HK EPMS 100 C	100.0	750	25.0	75	175	32	169	10.00
HK EPMS 125 C	125.7	600	32.0	75	175	32	174	10.30
HK EPMS 160 C	159.7	470	34.0	75	150	32	180	10.70
HK EPMS 200 C	200.0	375	40.0	75	140	32	187	11.10
HK EPMS 250 C	250.0	300	45.0	75	125	32	195	11.60
HK EPMS 315 C	314.9	240	54.0	75	120	32	207	12.30
HK EPMS 400 C	397.0	185	58.0	75	100	32	221	13.20

As a rule, connect oil overflow line to „C“ motors!

HK-EPMT

Code	Displacement cm ³ /rev.	Max. speed rpm	Max. torque daNm	Max. flow rate l/min	Max. pressure gradient bar	Shaft diameter mm	Dimension mm L	Weight kg
HK EPMT 160 C	161.1	625	47.0	100	200	40	190	20.00
HK EPMT 200 C	201.4	625	59.0	125	200	40	195	21.00
HK EPMT 250 C	251.8	500	73.0	125	200	40	201	21.50
HK EPMT 315 C	326.3	380	95.0	125	200	40	211	22.00
HK EPMT 400 C	410.9	305	108.0	125	180	40	221	23.00
HK EPMT 500 C	523.6	240	122.0	125	160	40	235	24.00

As a rule, connect oil overflow line to „C“ motors!

Detailed technical documentation, characteristic curves etc. on request.

Shock valves for hydraulics motors for direct flange-mounting

Code	For motor	Max. l/min	Connections	Weight kg
HK V0590 0500	HK EPM + HK EPRM	60	1/2" IG	1.30
HK V0590 0490	HK EPMS	60	1/2" IG	1.25
HK V0590 0505	HK EPMT	100	3/4" IG	1.85

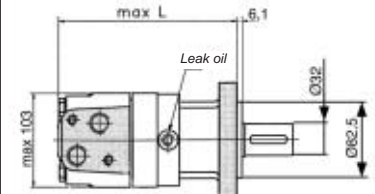
Casing: galvanized steel, steel internal parts

Springs for shock valves HK V0590

Code	Spring setting ranges bar
	40 - 180 standard
HK VML 100 0050	05 - 50
HK VML 102 0100	20 - 100
HK VML 105 0250	50 - 250
HK VML 108 0300	80 - 300

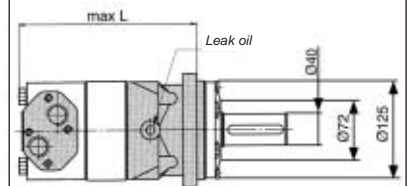
These valves are flange-mounted directly onto the motors (O-ring seal).
These valves must be set for the application case.

Further motors sizes, types and variants, hydraulic brakes and special mounted valves available on request.



Oil connectors – A+B 1/2"
Leak oil – 1/4"
Standard variant

Four-hole flange
Hole circle 106.4



Oil connectors – A+B 3/4"
Leak oil – 1/4"
Standard variant

Four-hole flange
Hole circle 160



HK V0590 0500

