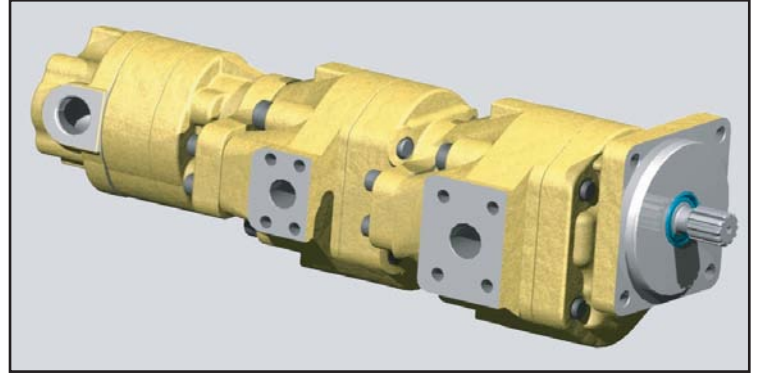
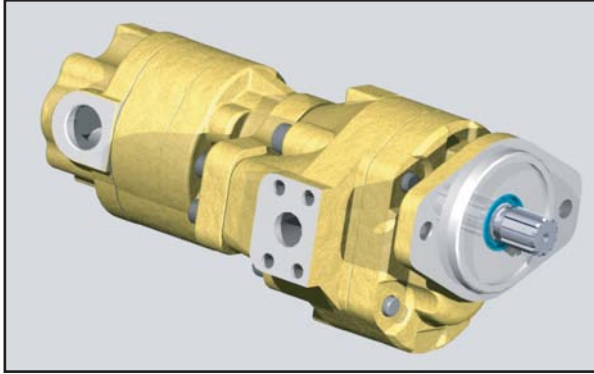


GEAR PUMPS AND MOTORS HAMWORTHY SERIES

MULTIPLE PUMPS/ MOTORS



HOW TO ORDER

P-PUMP M-MOTOR	Design level 1- without 2 or 3	Seal shaft	TYPE			Drive shafts	Flanges	Ports			Rotation A- anticlockwise C- clockwise D- birotation
			First section	Second section	Third section			First section	Second section	Third section	
P	2	C	2415	2210	1604	C	5	B26	B26	C23	C
		pages: 8,14,20,26, 32,39	pages: 9,15,21,27, 33,40	pages: 10,16,22,28, 34,41	pages: 11,17,23,29, 35,42	pages: 12,18,24,30, 36,43					

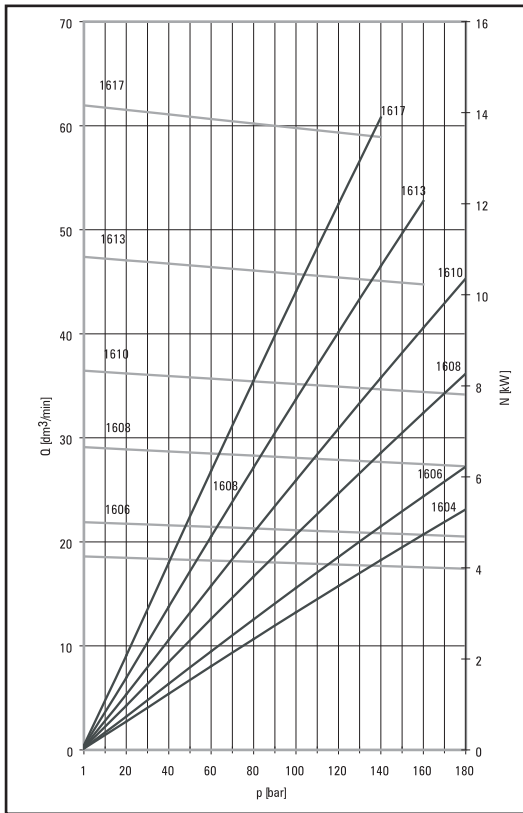
GEAR PUMPS AND MOTORS HAMWORTHY SERIES

MULTIPLE PUMPS/ MOTORS HOW TO ORDER

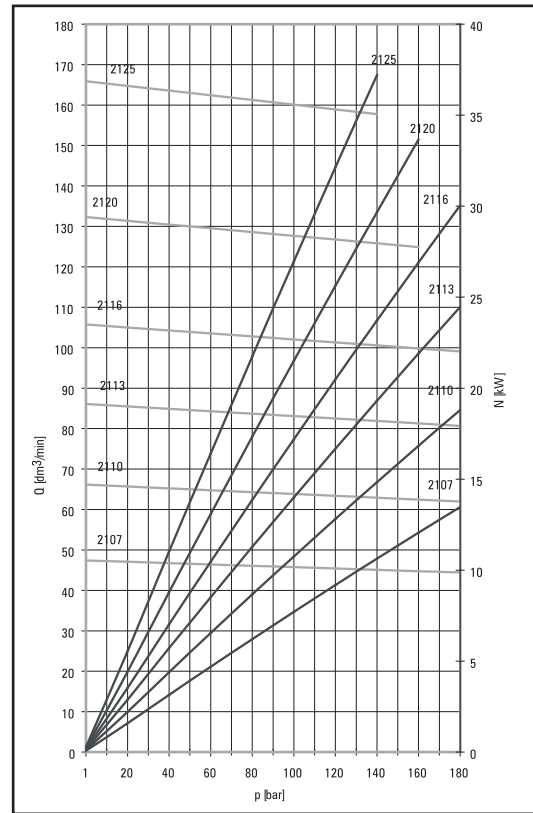
P-PUMP M-MOTOR	Design level 1- without symbol 2 or 3	Seal shaft	Bearings	Common inlet	TYPE			Drive shafts	Flanges	PORTS			Rotation A- anticlockwise C- clockwise D- birotation
					First section	Second section	Third section			First section	Second section	Third section	
P	2	C			2415	2210	1604	C	5	B26	B26	C23	C
P M	2	A B C A2P A2PV C2P C2PV	roller		1604	1604	1604	A B V AD F	1 2 3 5 8	C21/E21 C23/E23 C5/E5 C9/E9 L32	C21/E21 C23/E23 C5/E5 C9/E9 L32	C21/E21 C23/E23 C5/E5 C9/E9 L32	A C D
					1606	1606	1606						
					1608	1608	1608						
					1610	1610	1610						
					1613	1613	1613						
					1617	1617	1617						
P M	2	A B C E A2P A2PV C2P C2PV	roller-plain		2110	2110	2110	B,Q C AP G L R	2 3 4 5 8	B1 B2 B25 B26	B1 B2 B25 B26	B1 B2 B25 B26	A C D
					2113	2113	2113						
					2116	2116	2116						
					2120	2120	2120						
					2125	2125	2125						
P M	1*	A C	roller		3115	3115	3115	C G L	5	B25 B26	B25 B26	B25 B26	A C D
	1*, 3				3120	3120	3120						
	3				3125	3125	3125						
					3130	3130	3130						
					3135	3135	3135						
P M	1* 2	A B C E A2P A2PV C2P C2PV	roller-plain		1905	1905	1905	B Q R AP	1 2 3 4 5 8	B25 B26	B25 B26	B25 B26	A C D
					1907	1907	1907						
					1909	1909	1909						
					1911	1911	1911						
					1913	1913	1913						
P M	1* 2	A B C E A2P A2PV C2P C2PV	roller-plain	J	2207	2207	2207	B,Q C G AP	2 3 4 5	B25 B26	B25 B26	B25 B26	
					2208	2208	2208						
					2210	2210	2210						
					2213	2213	2213						
					2215	2215	2215						
					2216	2216	2216						
P		A C E	roller		2411	2411	2411	C G L	4 5	B26	B26	B26	A C
					2413	2413	2413						
					2415	2415	2415						
					2416	2416	2416						

GEAR PUMPS AND MOTORS HAMWORTHY SERIES

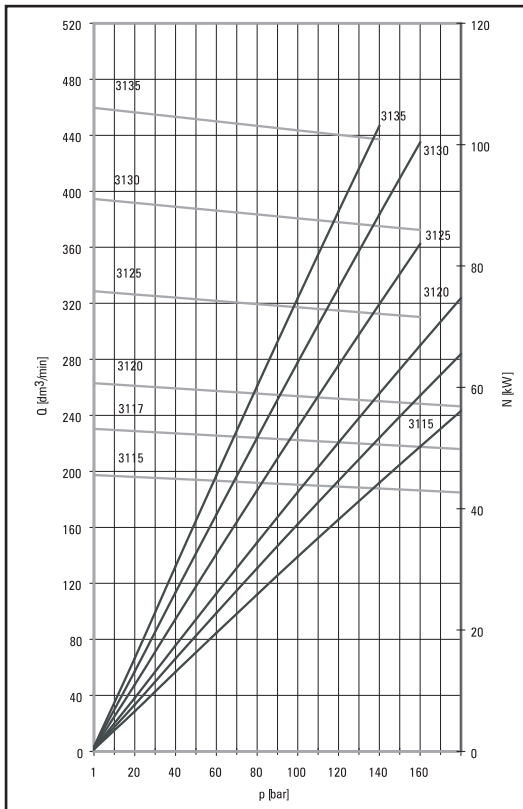
PUMP CHARACTERISTICS



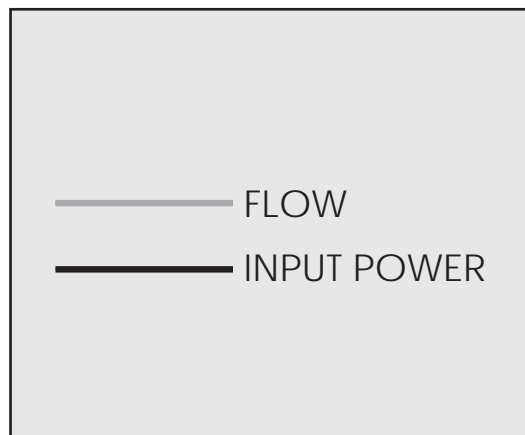
1600 SERIES



2100 SERIES



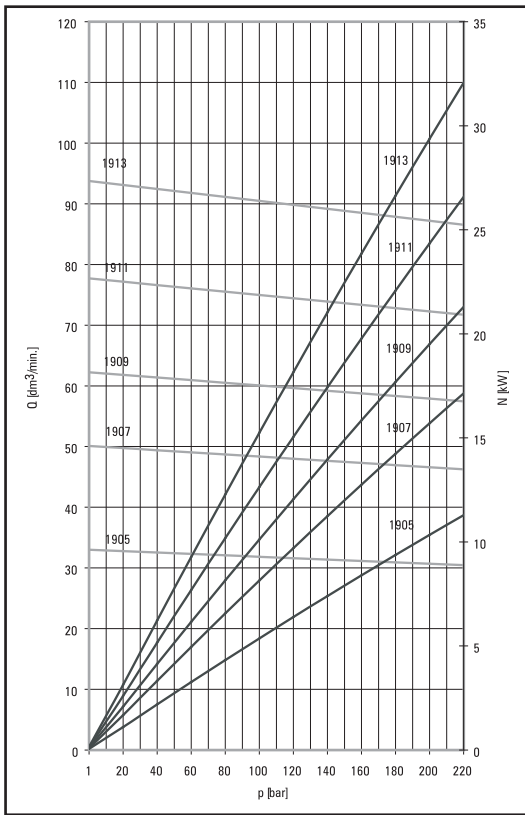
3100 SERIES



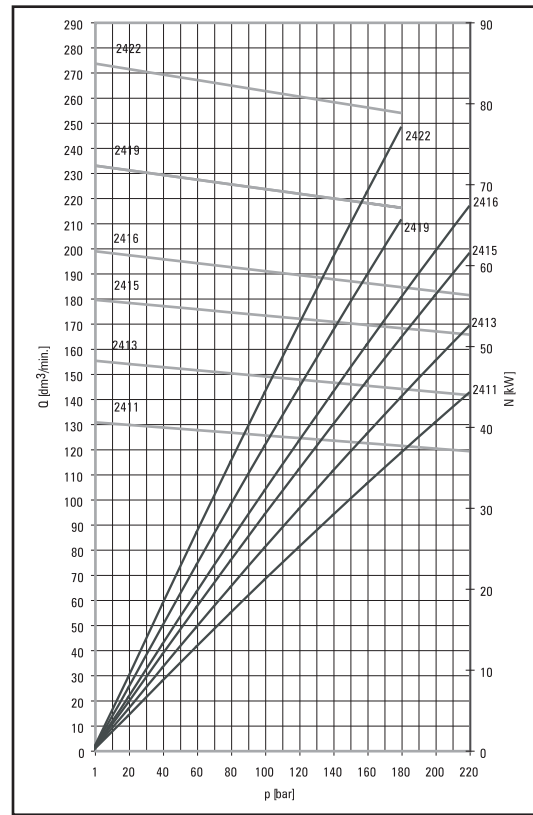
*Characteristic at shaft speed 1500 r.p.m.

GEAR PUMPS AND MOTORS HAMWORTHY SERIES

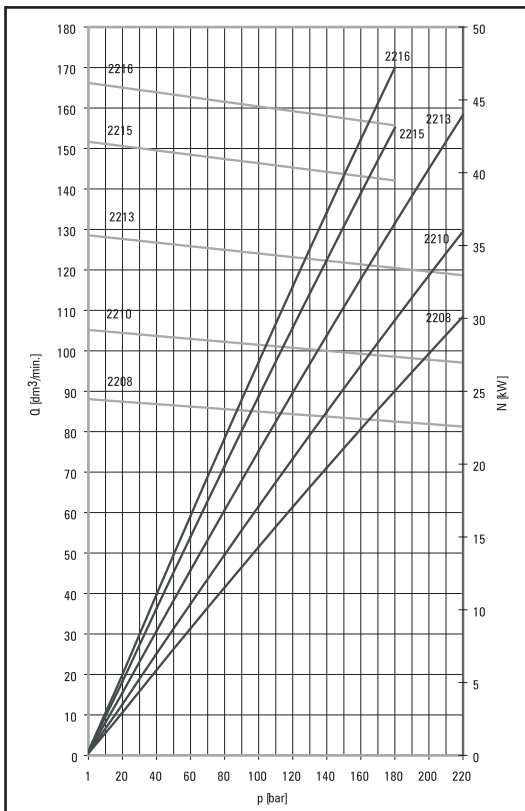
PUMP CHARACTERISTICS



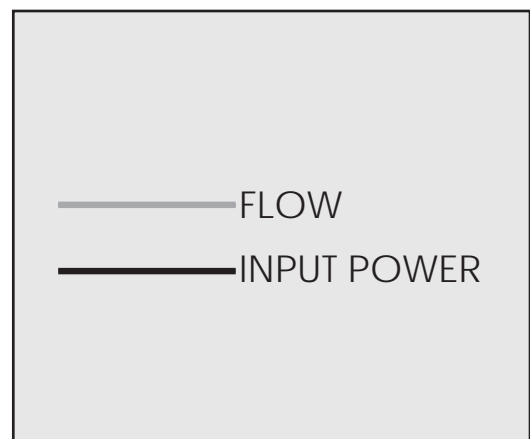
1900 SERIES



2400 SERIES



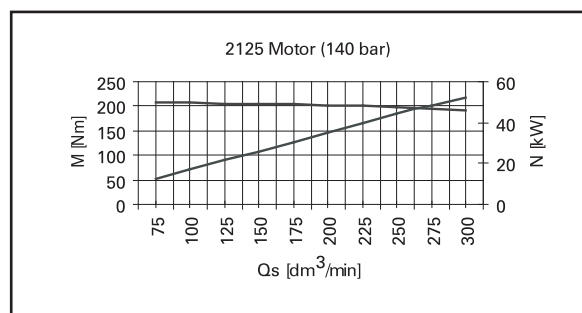
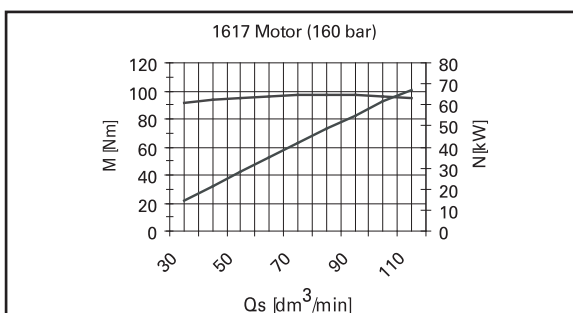
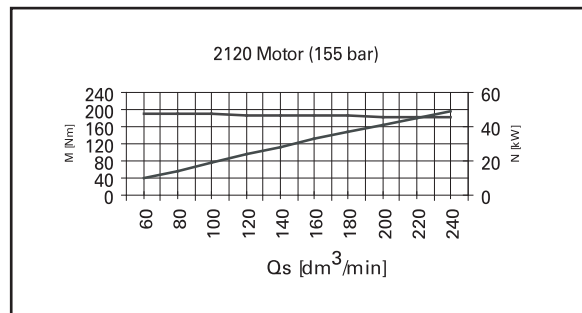
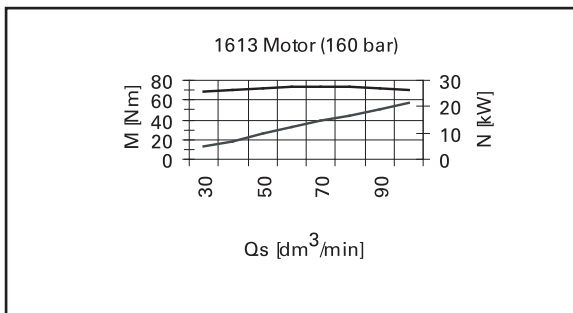
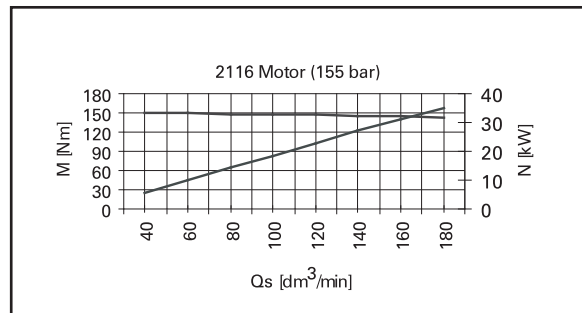
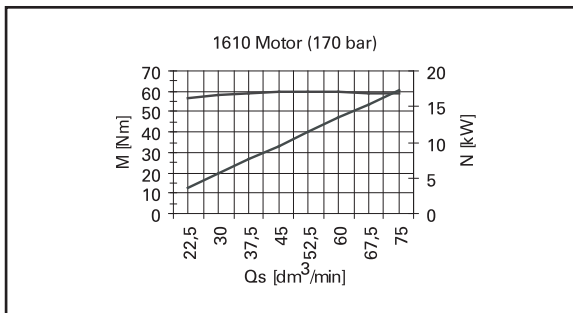
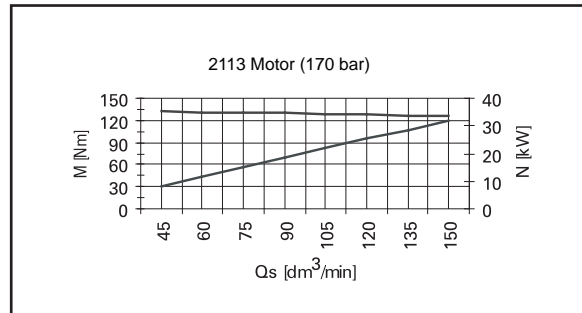
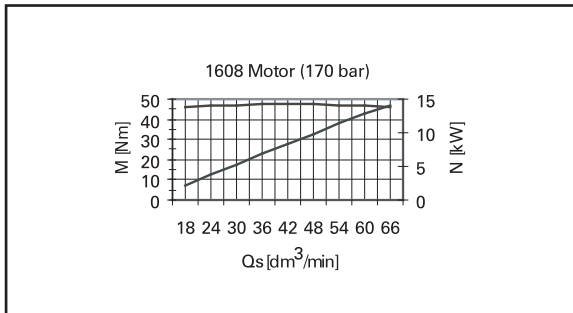
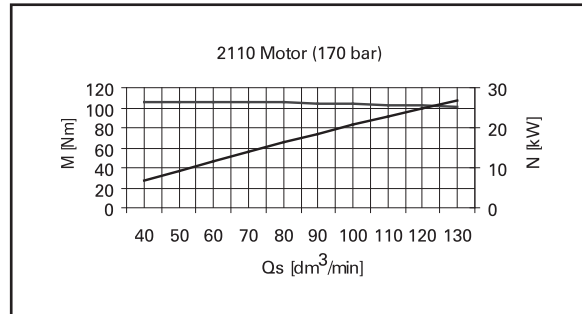
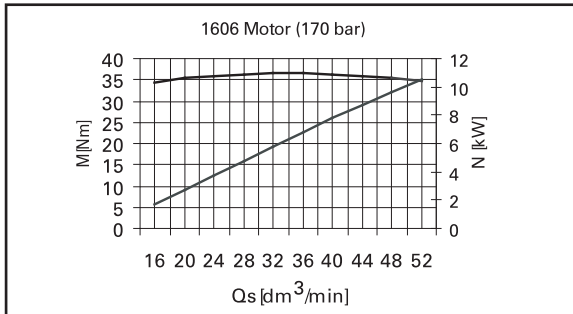
2200 SERIES



*Characteristic at shaft speed 1500 r.p.m.

GEAR PUMPS AND MOTORS HAMWORTHY SERIES

MOTOR CHARACTERISTICS



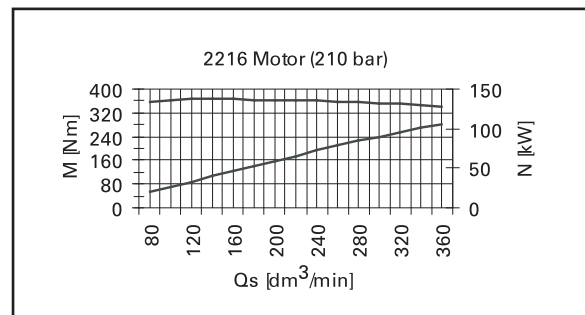
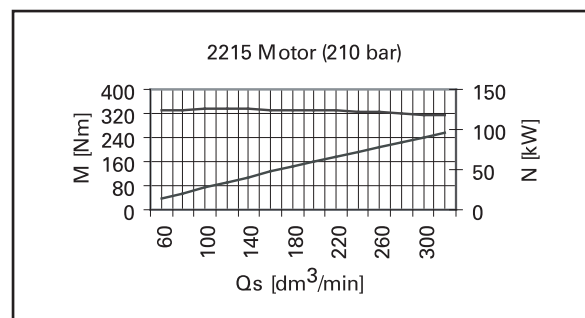
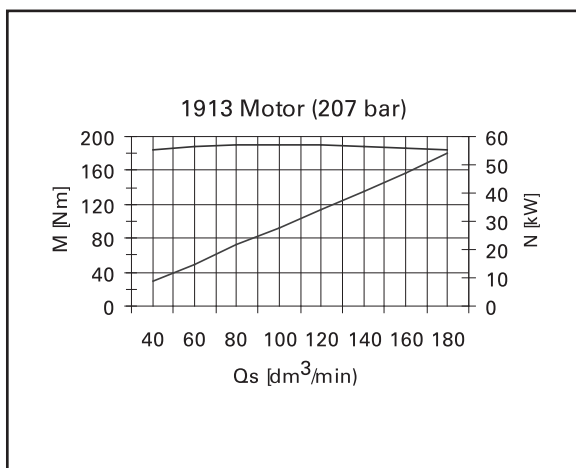
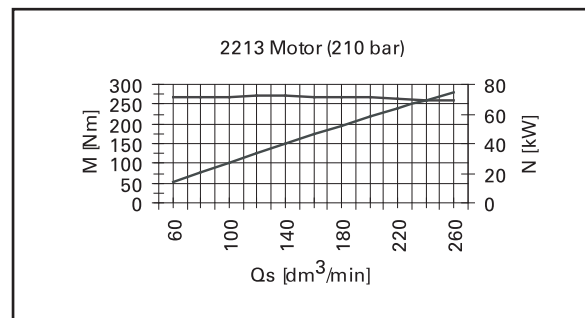
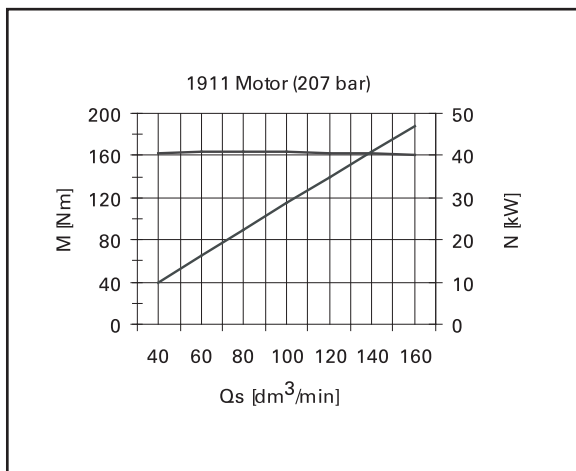
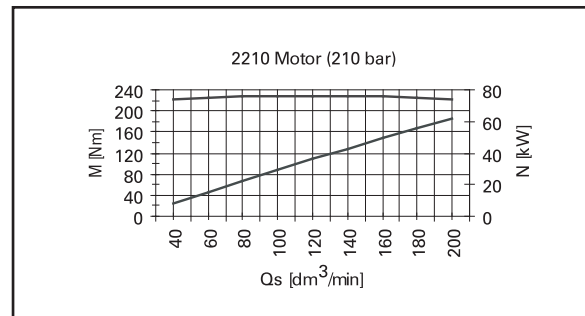
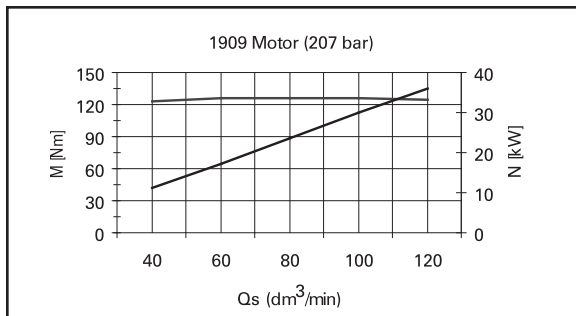
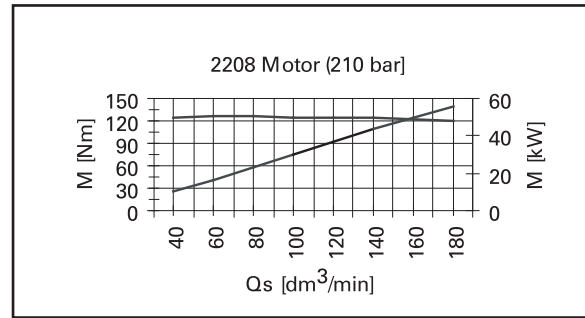
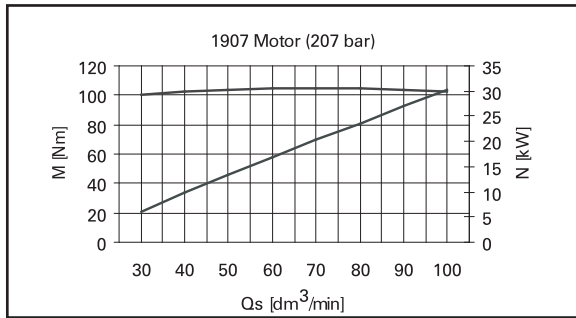
1600 SERIES

2100 SERIES



GEAR PUMPS AND MOTORS HAMWORTHY SERIES

MOTOR CHARACTERISTICS



1900 SERIES

2200 SERIES



GEAR PUMPS AND MOTORS HAMWORTHY SERIES

DRIVE SHAFT

POWER LIMITATIONS

