



The BD2 series motors have a dual displacement system which makes them suitable for mobile applications. The variation of displacement is obtained by the usual pilot pressure of the pump.

Hydro-displacement control is actuated by hydraulic control valve mechanism to select minimum or maximum displacement.

CHARACTERISTICS

Based on GM2-series motor

Two dual-displacement modes
 - 100% and 50% of max. displacement (BD2A series)
 or - 75% and 25% of max. displacement (BD2B series).

It uses standard components of well-proven GM2 series for greater reliability and economy.

Prototypes still under test, subject to development. Values can be changed.

Variation: 100% - 50%	BD2A	250	300*	350	420*	500
Displacement (max)	cm ³ /rev	251	304	347	425	493
Displacement (min)	cm ³ /rev	125	152	174	213	247
Piston Ø	mm	40	44	47	52	56
Specific torque (max)	Nm/bar	3.9	4.7	5.4	6.6	7.7
Pressure rating	bar	210	210	210	210	210
Peak pressure	bar	420	420	420	420	420
Cont. speed	rpm	650	650	575	475	400
Max. speed	rpm	1000	1000	900	900	800
Peak power	kW	70	70	70	70	70
Variation: 75% - 25%	BD2B	190	230*	260	320*	370
Displacement (max)	cm ³ /rev	188	228	260	319	370
Displacement (min)	cm ³ /rev	63	76	87	106	123
Piston Ø	mm	40	44	47	52	56
Specific torque (max)	Nm/bar	2.9	3.6	4.1	5.0	5.8
Pressure rating	bar	210	210	210	210	210
Peak pressure	bar	420	420	420	420	420
Cont. speed	rpm	700	650	650	650	550
Max. speed	rpm	1100	1100	1000	950	900
Peak power	kW	70	70	70	70	70

* Available only for large quantities