



## HMR-02. Variable motors for open and closed loop operation.

### Design characteristics

- >> axial piston motor in swash plate design for high pressure open and closed loop systems
- >> optimized starting and low speed behaviour
- >> purge valves for circuit and case flushing in closed loop optional
- >> internal system pressure control, no external piping required
- >> brake pressure shut off for closed loop
- >> high pressure relief valves available
- >> through shaft with free shaft end or with coupling flange
- >> SAE high pressure connection ports radial or axial
- >> SAE mounting flange with ANSI or SAE spline shaft
- >> plug-in version optional
- >> speed sensor optional
- >> counter balance valve optional

### Maximum displacement override

- >> pneumatic
- >> hydraulic (high and low pressure)
- >> electric

### Product advantages

- >> steady low speed behaviour
- >> high starting torque
- >> large conversion range
- >> PTO Through-Drive Motor
- >> compact design
- >> high power density
- >> high reliability
- >> long service life
- >> dynamic response

HMR-02		55	75	105	135	165	210
Max. displacement	cm <sup>3</sup> /rev	54.8	75.9	105	135.6	165	210
Max. operating speed at Vmax	rpm	4100	3800	3500	3200	3100	2700
Max. speed (intermittent) at Vmin	rpm	5300	5000	4700	4000	3900	3500
Nominal pressure	bar	420	420	420	420	420	420
Peak pressure (intermittent)	bar	500	500	500	500	500	500
Continuous output torque	Nm	218	302	418	540	657	836
Max. output torque	Nm	366	508	702	907	1104	1404
Continuous power	kW	94	120	153	181	213	236
Max. power	kW	157	202	257	304	358	397
Weight (approx.)	kg	28	32	42	56	76	101