

Motor Comparison for 151-0708

Category	Existing Model	Replacement Model
Material Number	151-0708	11185556
Basic Motor	OMR	OMR X
Displacement	375	375
Series	6	X
Active	Yes	Yes
Mounting Flange	A2	A2
Mounting Thread Dimension	None	None
Shaft Style	Cylindrical	Cylindrical
Shaft Size	1 inch	1 inch
Shaft Key	1/4 x 1/4 x 1 1/4 inch (B.S. 46)	1/4 x 1/4 x 1 1/4 inch (B.S. 46)
Port Style	Side port - Offset	Side port - Offset
Port Dimension	G 1/2	G 1/2
Drain Port Style	Standard	Standard
Drain Port Dimension	G 1/4	G 1/4
Brake Release Port	None	None
Brake Release Port Dimension	None	None
Painted	None	None
Special Features External 1	None	None
Special Features External 2	None	None
Special Features External 3	None	None
Dust Seal	Standard - HPS	Int. in shaft seal
Shaft Seal	HPS - 200	HPS - 225
Seal Kit	151-1286	11188319
Front Bearing	Journal bearing	Journal bearing
Rear Bearing	Journal bearing	Journal bearing
Gear Wheel Set	Standard	Standard
Check Valve	Yes	Yes
Valve Function	None	None
Special Features Internal 1	None	None
Special Features Internal 2	None	None

Packing	Single pack	Single pack
Option Type	Standard	Standard

Technical Data Comparison for 151-0708

Category	Existing Model	Conversion Model
Type	OMR	OMR X
Motor size	375	375
Geometric displacement	372.6 [22.80]	363.5 [22.18]
Max speed cont	160	165
Max speed int	200	205
Max torque cont	300 [2660]	340 [3010]
Max torque int	430 [3810]	450 [3980]
Max output power cont	3.9[5.2]	4.9 [6.6]
Max output power int	6.0 [8.1]	7.0 [9.4]
Max pressure drop cont	55 [800]	70 [1015]
Max pressure drop int	85 [1230]	100 [1450]
Max pressure drop peak		
Max oil flow cont	60 [15.9]	60 [15.9]
Max oil flow int	75 [19.8]	75 [19.8]
Max start pressure with unloaded shaft	5 [75]	5 [75]
Min start torque at max press drop cont	240 [2120]	290 [2565]
Min start torque at max press drop int	380 [3360]	415 [3675]
Max inlet pressure cont	175 [2540]	200 [2900]
Max inlet pressure int	200 [2900]	225 [3260]
Max inlet pressure peak		
Max return pressure with drain line cont	175 [2540]	200 [2900]
Max return pressure with drain line int	200 [2900]	225 [3260]
Max return pressure with drain line peak		
Holding torque		
Min brake release pressure		
Max pressure in brake line		
Max pressure in drain line		
