

# Power Section

## 4-3/4" 7/8 3.8 STAGE

475X7838

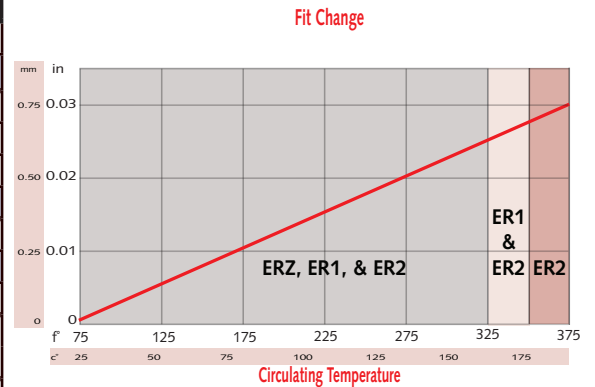


### PERFORMANCE SUMMARY

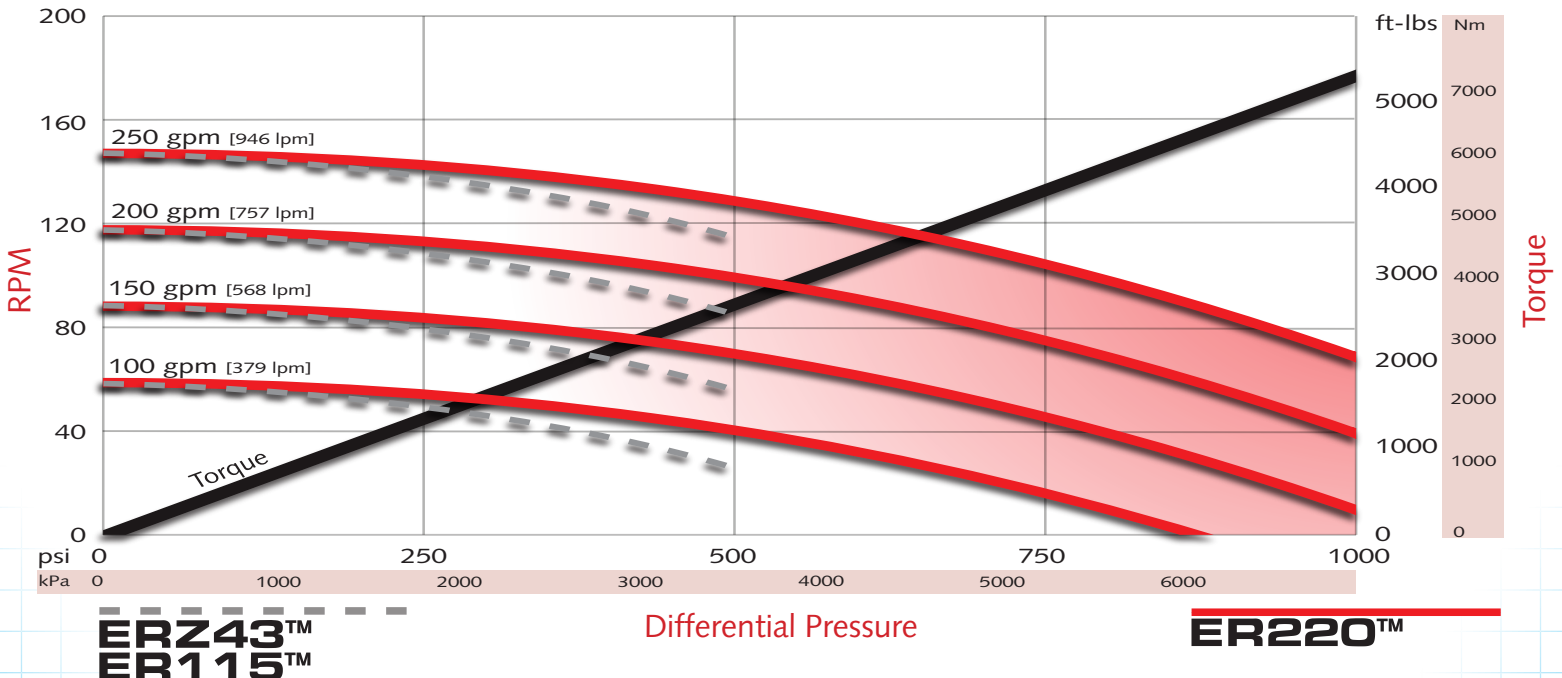
ELASTOMER		ERZ43™ ER115™	ER220™	ELASTOMER		ERZ43™ ER115™	ER220™
TORQUE (ft-lbs [Nm])	Stall	4,650 [6,305]	6,240 [8,460]	SPEED	No load (rpm)	58-145	58-145
	At Max HP	2,750 [3,729]	3,800 [5,152]		rev/gal [rev/l]	0.58 [0.15]	0.58 [0.15]
POWER (hp [kW])	Max	55 [41]	74 [55]	FLOW RANGE	gpm [lpm]	100-250 [379-946]	100-250 [379-946]
PRESSURE (psi [kPa])	Stall	860 [5,929]	1,160 [7,998]	No load - Mid Flow (psi [kPa])	150 [1,034]	150 [1,034]	
				At Max Power (psi [kPa])	500 [3,447]	700 [4,826]	

### SPECIFICATIONS

STATOR			ROTOR		
CONFIGURATION	Lobes	8	CONFIGURATION	Lobes	7
	Stages	3.8			
LENGTH (in [mm])	Overall	187 [4747.4]	LENGTH (in [mm])	Overall	178 [4,521.2]
	Profile	171 [4343.4]		Profile	172 [4,368.8]
CUTBACK (in [mm])	Top	8 [203.2]		Head	6 [152.4]
	Bottom	8 [203.2]			
DIAMETER (in [mm])	OD	4.75 [4.75]	DIAMETER (in [mm])	Head OD	2.75 [69.85]
	ID	3.75 [95.25]		Bore ID	
	Major	3.271 [83.083]	Major	2.945 [74.803]	
	Minor	2.619 [66.523]	ECCENTRICITY (in [mm])	0.163 [4.14]	
MATERIAL	4140 HT	MATERIAL	17-4PH SS		
WEIGHT (lb [kg])	380 [172]	WEIGHT (lb [kg])	330 [150]		



### PERFORMANCE DATA



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Note: All dimensions are in inches [mm] unless noted otherwise and are subject to change without notice.