

# Specifications\*

pump model		45		60		80		112		140		200																		
capacity		cc/rev		45		60		80		112		140		200																
pressure ratings	rated	bar		320		250		320		350		350																		
	peak	bar		350		280		350		400		400																		
speed ratings	self prime	rpm		2700		2400		2400		2200		2100		1900																
	max. boosted	rpm		3250		3000		3000		2700		2500		2200																
minimum operating speed		rpm		600		600		600		600		600		600																
case drain pressure	max. continuous	bar		1		1		1		1		1		1																
	peak	bar		4		4		4		4		4		4																
weight		Kg		25		34		60		60		100																		
case fill capacity		L		0.6		0.8		1.4		1.4		3																		
maximum allowable input torque		Nm		150		225		150		225		400		981*1		981*1		1000		1800										
mounting flange		type	SAE B		SAE B-B		ISO100		SAE B		SAE B-B		ISO100		SAE C		ISO125		SAE		ISO180		SAE D		ISO180		SAE E		SAE E	
		bolts	2		2		2		2		2		2		2		2		2		2 and 4 bolt		4		2 and 4 bolt		4		4	
input shaft		type	SAE B-B		SAE B-B		ISO 25mm		SAE B-B		SAE B-B		ISO 25mm		SAE C		ISO 32mm		SAE C, C-C and D		ISO 45mm		SAE C, C-C and D		ISO 45mm		SAE D		SAE F	
		form	Spline		Spline & Key		Key		Spline		Spline & Key		Key		Spline & Key		Key		Spline & Key		Key		Spline & Key		Key		Spline & Key		Spline	
allowable through drive torque		SAE "A"	Nm		61		61		61		61		61		61		61		61		61		61		61		61		61	
		SAE "B"	Nm		150		150		150		150		150		150		150		150		150		150		150		150		150	
		SAE "B-B"	Nm		225		225		225		225		225		225		225		225		225		225		225		225		225	
		SAE "C"	Nm		400		400		400		400		400		400		400		400		400		400		400		400		400	
		SAE "C-C"	Nm		680		680		680		680		680		680		680		680		680		680		680		680		680	
		SAE "D"	Nm		699		699		699		699		699		699		699		699		699		699		699		699		699	
		SAE "E"	Nm		699		699		699		699		699		699		699		699		699		699		699		699		699	
temperature range		°C		-20		-20		-20		-20		-20		-20		-20		-20		-20		-20		-20		-20		-20		
viscosity range		cSt		10 to 1,000		10 to 1,000		10 to 1,000		10 to 1,000		10 to 1,000		10 to 1,000		10 to 1,000		10 to 1,000		10 to 1,000		10 to 1,000		10 to 1,000		10 to 1,000		10 to 1,000		
maximum contamination level				-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		-/18/15 ISO 4406 or SAEAS 4059E Table 1 Class 9 ( NAS 9 )		

\*Please refer to catalogue for complete Technical data