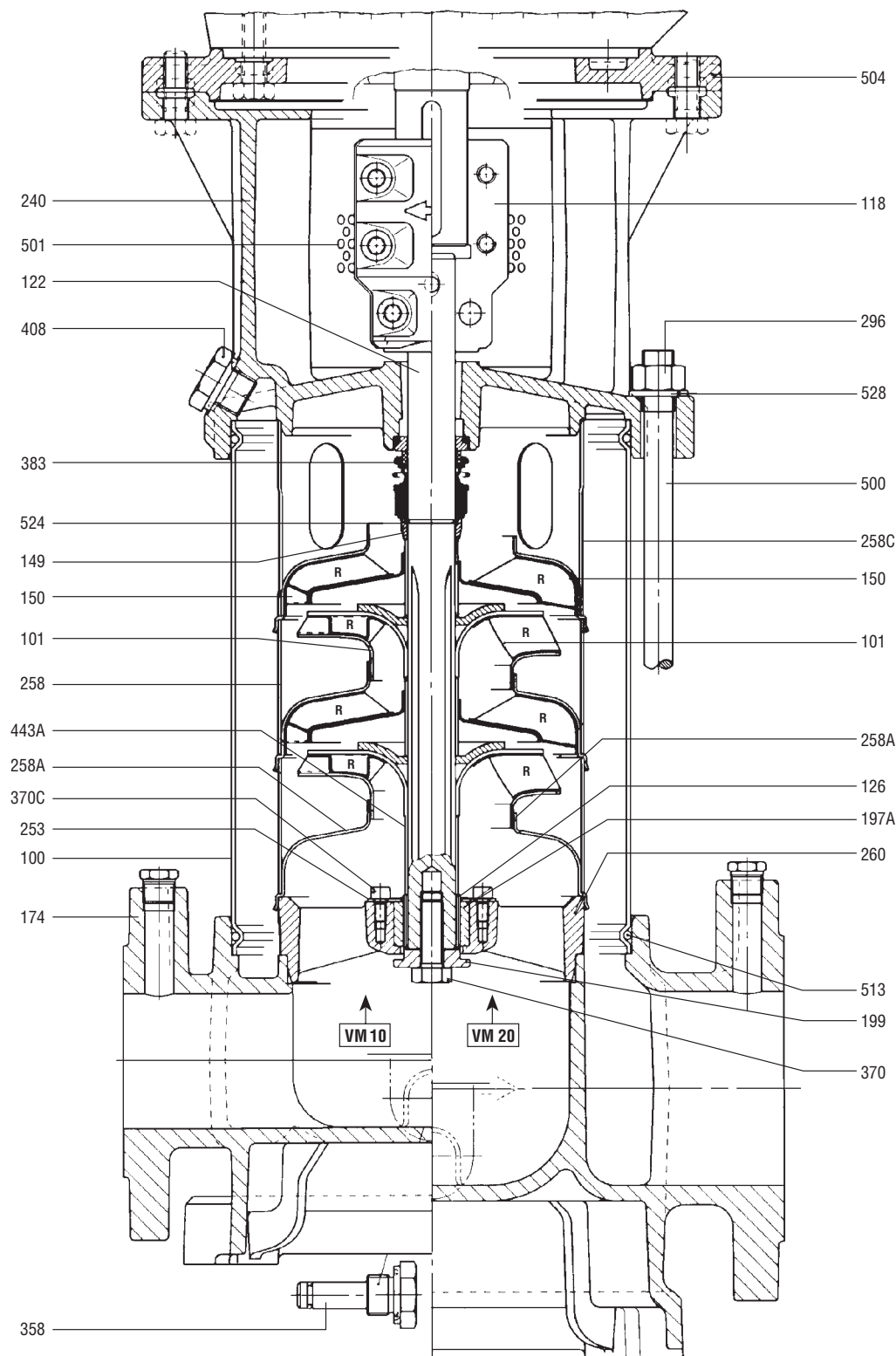


For VM2002 – VM2006 Pumps

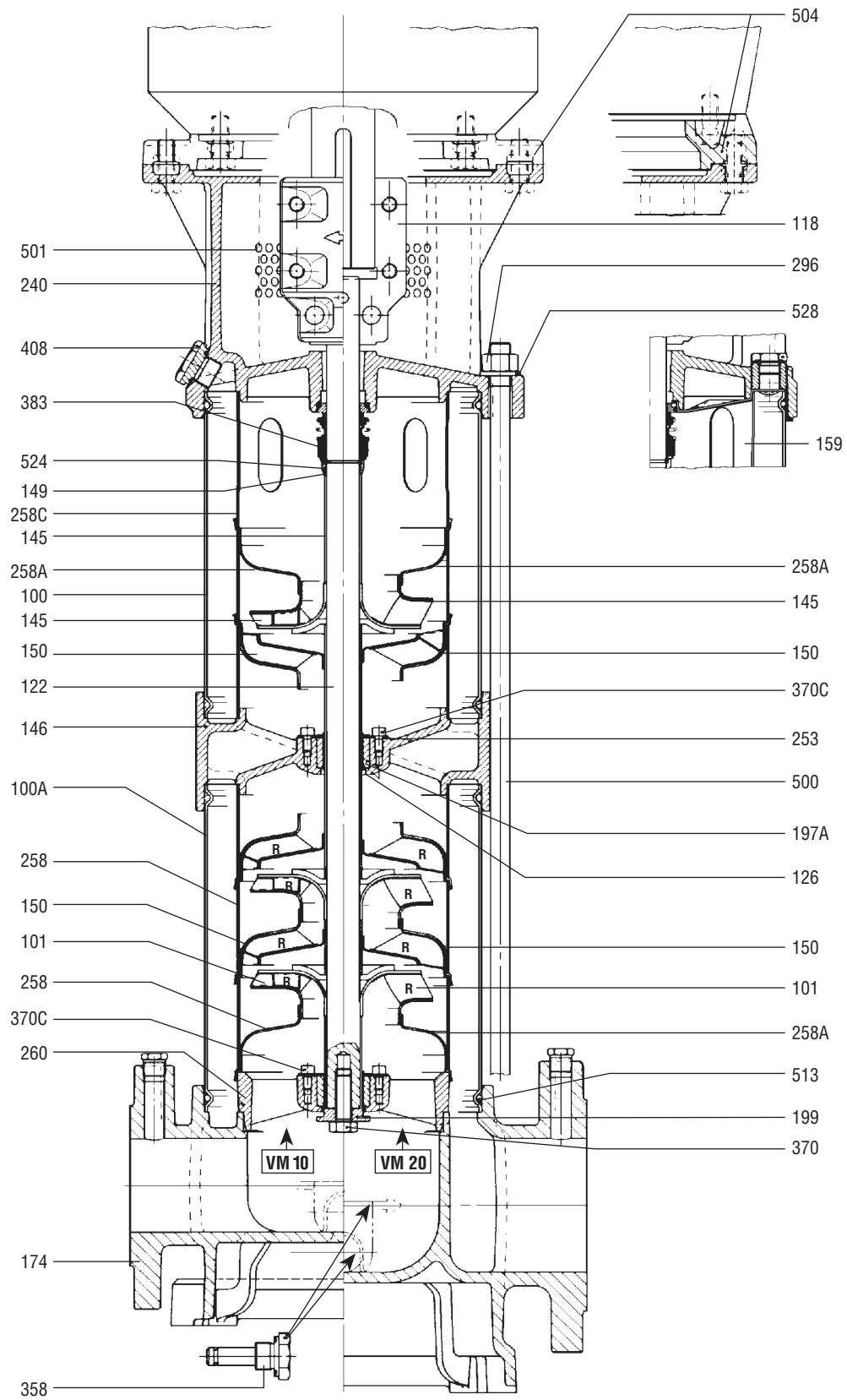
SUPERSEDES: NEW

EFFECTIVE: August 15, 1995



CROSS SECTION FOR VM 2002 THROUGH VM 2004

VM20 PARTS LIST									
ITEM NO.	PART NAME	PUMP TYPE	QTY. REQ.	PART NO. PREFIX	PART NUMBER				
					2 STG	3 STG	4 STG	5 STG	6 STG
240	MOTOR ADAPTER	B	1	1800-	160				
		D	1	1800-	360				
504	ADAPTER MOUNTING PLATE	ODP	1	1800-	005	005	005	005	007
		TEFC		1800-	005	005	005	007	007
501	COUPLING GUARD	B,D	2	1800-	161				
122	SHAFT ASSEMBLY	B	1	1800-	162	163	164	165	166
	INCLUDES 149,199,370,524	D	1	1800-	562	563	564	565	566
126	JOURNAL BEARING	B,D	SEE 2	1800-	018				
100	OUTER PUMP CASING, UPPER	B	1	1800-	172	173	174	175	176
100	OUTER PUMP CASING, UPPER	D	1	1800-	372	373	374	375	376
100A	OUTER PUMP CASING, LOWER	B	1	1800-	182	183	184	185	186
100A	OUTER PUMP CASING, LOWER	D	1	1800-	382	383	384	385	386
146	INTERMEDIATE SUPPORT	B	1	1800-	181				
		D	1	1800-	381				
513	CASING O-RING VITON	B,D	2	1800-	021				
	CASING O-RING EPDM	B,D	2	1800-	024				
174	PUMP BODY	B	1	1800-	600				
		D	1	1800-	300				
197A	CERAMIC BUSHING	B,D	1	1800-	402				
253	BEARING RETAINER	B,D	SEE 1	1800-	403				
370C	BEARING RETAINER SCREW	B,D	SEE 2	1800-	404				
260	LOWER SUPPORT	B		1800-	405				
		D		1800-	305				
159	SEAL HOUSING	D	1	1800-	184				
383	MECH. SEAL W/ WASHER								
	STANDARD VITON	B,D	1	1800-	015				
	OPTIONAL EPDM	B,D	1	1800-	012				
524	SPLIT RING	B,D	1	1800-	406				
149	SPLIT RING COVER	B,D	1	1800-	407				
258	STAGE SPACER	B,D	1	1800-	408				
258A	1ST STAGE DIFFUSER W/ O-RING	B,D	1	1800-	440				
258C	FINAL IMPELLER SPACER	B,D	1	1800-	187				
150	DIFFUSER, RIGHT HAND	B,D	N	1800-	386				
	DIFFUSER, LEFT HAND	B,D	SEE 1	1800-				387	
349	IMPELLER O-RING	B,D	SEE 1	1800-	192				
101	IMPELLER R. H.	B,D	SEE 1	1800-	388				
145	IMPELLER L. H.	B,D	SEE 1	1800-				389	
443A	IMPELLER SPACER	B,D	# OF STGS	1800-	193				
199	IMPELLER WASHER	B,D	1	1800-	194				
370	IMPELLER STACK BOLT	B,D	1	1800-	195				
500	TIE ROD W/ NUTS & WASHER	B,D	4	1800-	542	543	544	545	546
296	TIE ROD NUT	B,D	4	1800-	196				
528	TIE ROD WASHER	B,D	4	1800-	197				
118	COUPLING COMPLETE	ODP	1	1800-	560	560	560	004	006
		TEFC	1	1800-	560	004	004	006	006
408	VENT PLUG W/ O-RING	B	1	1800-	203				
		D	1	1800-	303				
358	DRAIN PLUG W/ O-RING	B	1	1800-	204				
		D	1	1800-	304				
	PUMP ROTATING ASSEMBLY INCLUDES	B	1	1800-	882	883	884	885	886
	122,126,513,159,383,524,149,258A,258B,	D	1	1800-	982	983	984	985	986
	258C,150,349,101,443A,443B, 199,370,								
	MOTOR SPACER SHIM	B,D	1	1800-	450				
	FILLING FUNNEL	B,D	1	1800-	451				



CROSS SECTION FOR VM 2005 THROUGH VM 2006

TABLE 1
LOCATION OF BEARINGS, CROSSOVER & IMPELLER

Number of Stages	Number of Impellers	
	Above Crossover (Left Hand)	Below Crossover (Right Hand)
5	2	3
6	2	4
7	3	4
8	3	5

2. Items 126, 197A, 370C are used on the lower support and, for pumps with 5 stages and more, on the intermediate support.

