

PROCESSTEC

GET TOMORROW'S TECHNOLOGY TODAY

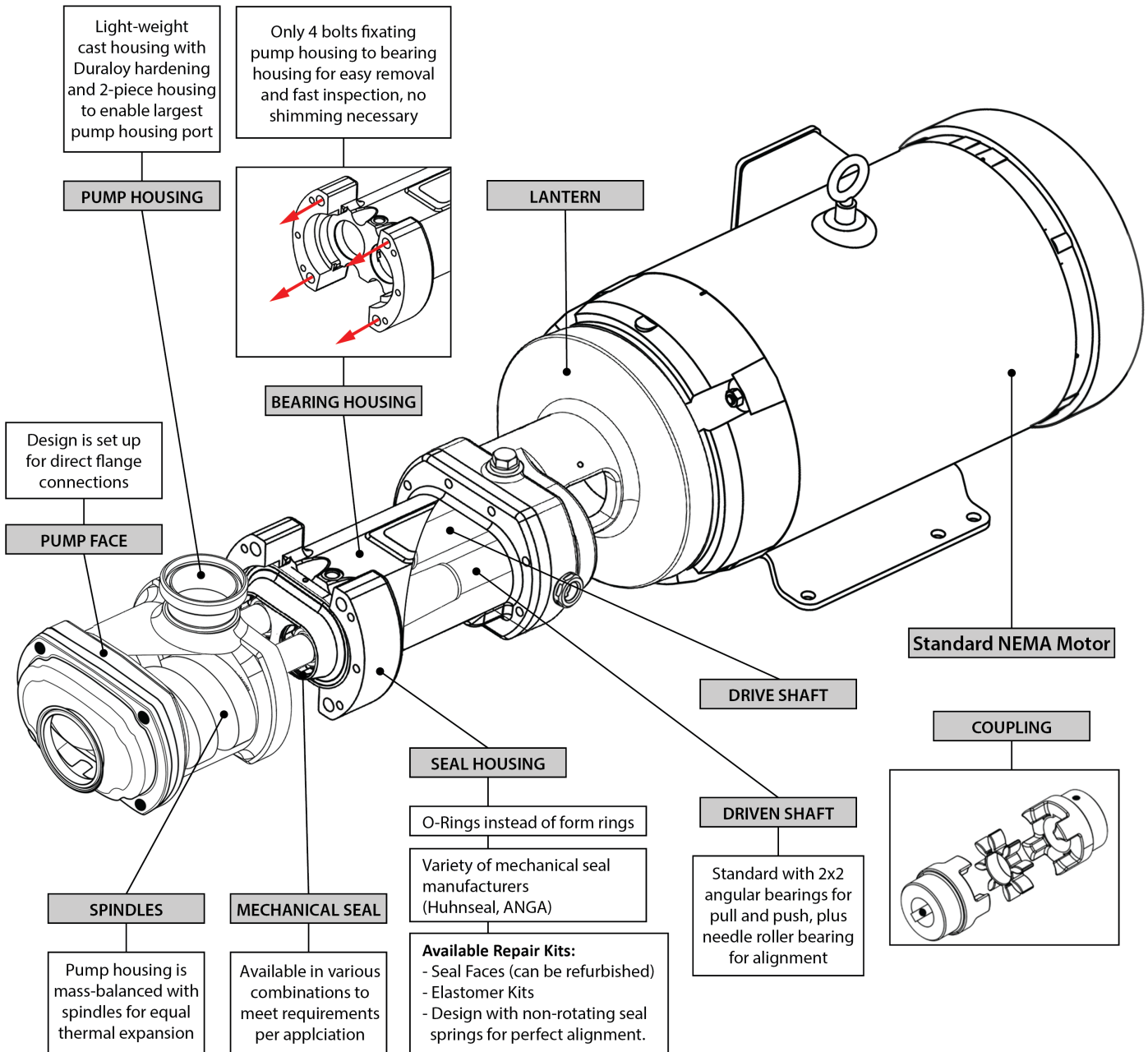
CUSTOMER CATALOG RECOMMENDED SPARE PARTS

ViscoTwin 70-G7

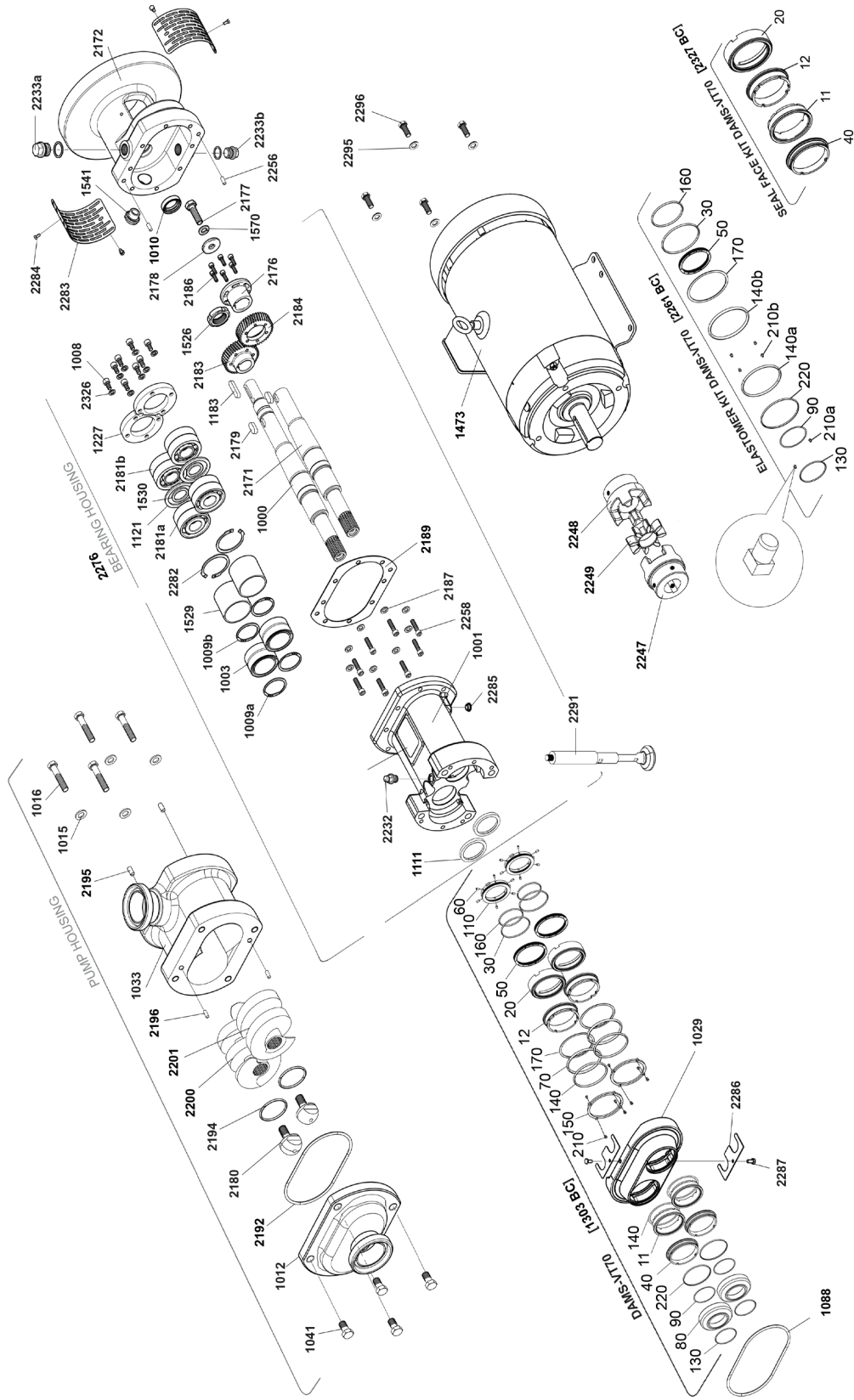
MAINTENANCE LEVEL 2

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1. OVERVIEW

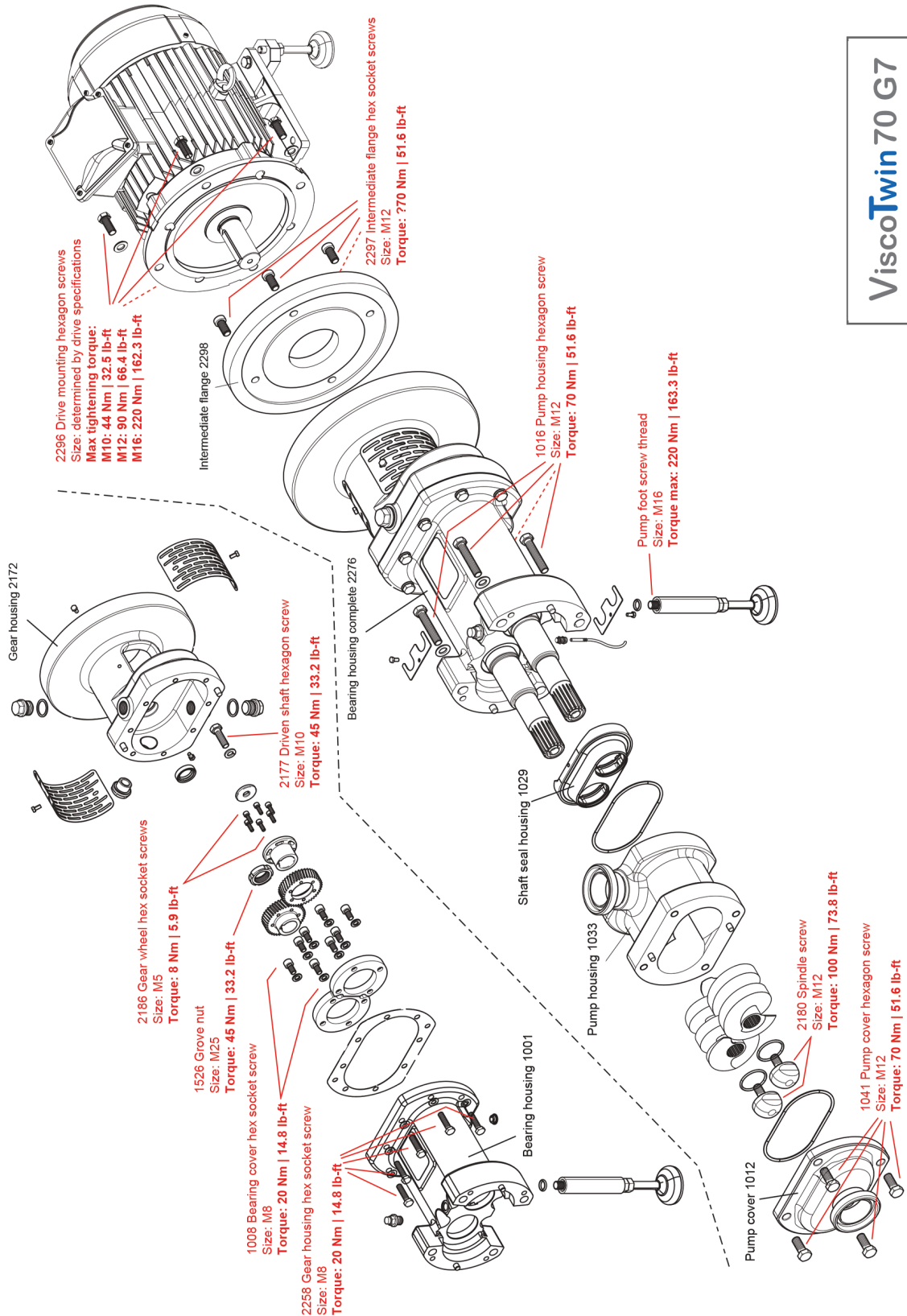


2. EXPLOSION DRAWING



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3. TORQUE VALUES

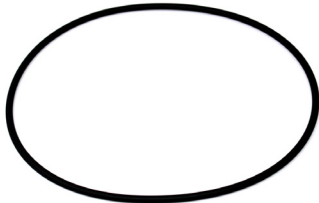



ViscoTwin 70 G7


4. SPARE PARTS

4.1 Pump Housing

Spindle Screw_VT70				Pos. 2180
C-ID	Customer Reference	Material	Specification	
18559		316L	--	
NOTES:				

O-Ring Pump Face_VT70				Pos. 2192
C-ID	Customer Reference	Material	Specification	
12508		FKM	DIN3771-122,5x4,0	
12514		EPDM	DIN3771-122,5x4,0	
NOTES:				

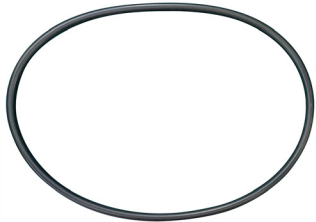
O-Ring for Spindle Screw_VT70				Pos. 2194
C-ID	Customer Reference	Material	Specification	
12500		FKM	DIN3771- 38x3,0	
12501		EPDM	DIN3771- 38x3,0	
NOTES:				


Dowel Pin for Pump Face & Housing_VT70, VT104, VT130				Pos. 2195
C-ID	Customer Reference	Material	Specification	
12616		316	DIN7-8h8x16	
NOTES:				


Spindle Left Handed				Pos. 2200
Part #	Customer Reference	Specific Model Name	Material / Specification	
22143		Spindle Left Handed_VT70.22SEH	316, 22mm,EH,Standard	
--		Spindle Left Handed_VT70.22S3A	316, 22mm,3A,Standard	
22144		Spindle Left Handed_VT70.22HEH	316, 22mm,EH,Hardened	
--		Spindle Left Handed_VT70.22H3A	316, 22mm,3A,Hardened	
12628		Spindle Left Handed_VT70.29SEH	316, 29mm,EH,Standard	
17561		Spindle Left Handed_VT70.29S3A	316, 29mm,3A,Standard	
12644		Spindle Left Handed_VT70.29HEH	316, 29mm,EH,Hardened	
11223		Spindle Left Handed_VT70.29H3A	316, 29mm,3A,Hardened	
12630		Spindle Left Handed_VT70.43SEH	316, 43mm,EH,Standard	
16548		Spindle Left Handed_VT70.43S3A	316, 43mm,3A,Standard	
12645		Spindle Left Handed_VT70.43HEH	316, 43mm,EH,Hardened	
11224		Spindle Left Handed_VT70.43H3A	316, 43mm,3A,Hardened	
<p>NOTES: Rotation Direction</p> 				


Spindle Right Handed				Pos. 2201	
Part #	Customer Reference	Specific Model Name	Material / Specification		
22141		Spindle Right Handed_VT70.22SEH	316, 22mm,EH,Standard		
--		Spindle Right Handed_VT70.22S3A	316, 22mm,3A,Standard		
22142		Spindle Right Handed_VT70.22HEH	316, 22mm,EH,Hardened		
--		Spindle Right Handed_VT70.22H3A	316, 22mm,3A,Hardened		
12629		Spindle Right Handed_VT70.29SEH	316, 29mm,EH,Standard		
--		Spindle Right Handed_VT70.29S3A	316, 29mm,3A,Standard		
12647		Spindle Right Handed_VT70.29HEH	316, 29mm,EH,Hardened		
11226		Spindle Right Handed_VT70.29H3A	316, 29mm,3A,Hardened		
12631		Spindle Right Handed_VT70.43SEH	316, 43mm,EH,Standard		
16549		Spindle Right Handed_VT70.43S3A	316, 43mm,3A,Standard		
12646		Spindle Right Handed_VT70.43HEH	316, 43mm,EH,Hardened		
19978		Spindle Right Handed_VT70.43H3A	316, 43mm,3A,Hardened		
<p>NOTES: <i>Rotation Direction</i></p> 					


4.2 Seal Housing


O-Ring Seal Housing_VT70				Pos. 1088
Part #	Customer Reference	Material	Specification	
12499		FKM	DIN3771-120x4,0	
12502		EPDM	DIN3771-120x4,0	
NOTES:				


Elastomer Kit SAMS_VT70_G7				Pos. 2261 BF
Part #	Customer Reference	Material	Specification	
15955		FKM	ANGA, SD: 36 mm	
19174		EPDM	ANGA, SD: 36 mm	
NOTES:				


Elastomer Kit SAMS_VT70_G7				Pos. 2261 BF
Part #	Customer Reference	Material	Specification	
6985		FKM	HUHNSEAL, SD: 36 mm	
8300		EPDM	HUHNSEAL, SD: 36 mm	
NOTES:				


Elastomer Kit DAMS_VT70_G7				Pos. 2261 BC
Part #	Customer Reference	Material	Specification	
17715		FKM	ANGA, SD: 36 mm	
16552		EPDM	ANGA, SD: 36 mm	
NOTES:				

Elastomer Kit DAMS_VT70_G7				Pos. 2261 BC
Part #	Customer Reference	Material	Specification	
8318		FKM	HUHNSEAL, SD: 36 mm	
8319		EPDM	HUHNSEAL, SD: 36 mm	
NOTES:				


Mechanical Seal SAMS_VT70_G7				Pos. 1303 BF
Part #	Customer Reference	Material	Specification	
18710	S3	SIC/SIC FKM	ANGA, SD: 36 mm	
19170	S3	SIC/SIC EPDM	ANGA, SD: 36 mm	
17562	S4	TuC/TuCKE FKM	ANGA, SD: 36 mm	
19074	S4	TuC/TuCKE EPDM	ANGA, SD: 36 mm	
NOTES:				


Mechanical Seal SAMS_VT70_G7				Pos. 1303 BF
Part #	Customer Reference	Material	Specification	
11457	S1	SIC/SIC FKM	HUHNSEAL, SD: 36 mm	
19364	S1	SIC/SIC EPDM	HUHNSEAL, SD: 36 mm	
12748	S2	TuC/TuCKE FKM	HUHNSEAL, SD: 36 mm	
19365	S2	TuC/TuCKE EPDM	HUHNSEAL, SD: 36 mm	
NOTES:				

Mechanical Seal DAMS_VT70_G7				Pos. 1303 BC
Part #	Customer Reference	Material	Specification	
16952	D3	SIC/SIC FKM	ANGA, SD: 36 mm	
16546	D3	SIC/SIC EPDM	ANGA, SD: 36 mm	
17583	D4	TuC/TuCKE FKM	ANGA, SD: 36 mm	
19423	D4	TuC/TuCKE EPDM	ANGA, SD: 36 mm	
NOTES:				

Mechanical Seal DAMS_VT70_G7				Pos. 1303 BC
Part #	Customer Reference	Material	Specification	
11441	S1	SIC/SIC FKM	HUHNSEAL, SD: 36 mm	
19286	S1	SIC/SIC EPDM	HUHNSEAL, SD: 36 mm	
11894	S2	TuC/TuCKE FKM	HUHNSEAL, SD: 36 mm	
11165	S2	TuC/TuCKE EPDM	HUHNSEAL, SD: 36 mm	
NOTES:				

4.3 Bearing Housing

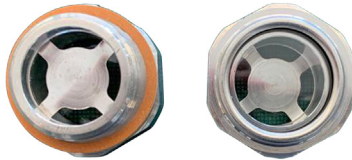
Shaft Sealing Ring Bearing Housing_VT70_G7				Pos. 1111
Part #	Customer Reference	Material	Specification	
12527		FKM	DIN3760-AS 40x52x8	
NOTES:				


Key for Coupling_VT70_G7				Pos. 1183
Part #	Customer Reference	Material	Specification	
12617		304	DIN6885-AS 6x6x25	
NOTES:				

Flat Gasket Gear Housing_VT70_G7				Pos. 2198
Part #	Customer Reference	Material	Specification	
12493		--	1 mm	
NOTES:				

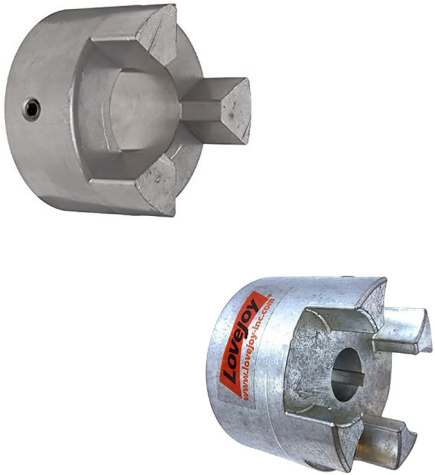
4.4 Gear Housing


Shaft Sealing Ring Gear Housing_VT70_G7				Pos. 1010
Part #	Customer Reference	Material	Specification	
16545		FKM	DIN3760-AS-22x40x7	
NOTES:				


Oil Level Sight Gauge_VT70, VT104, VT130_G7				Pos. 1541
Part #	Customer Reference	Material	Specification	
6986		Aluminium, Glass	G3/4"	
NOTES:				


Magnetic Screw Plug_VT70, VT104, VT130_G7				Pos. 2233
Part #	Customer Reference	Material	Specification	
18756		Aluminium	G 1/2"	
NOTES:				

4.5 Drive Train

Coupling Hub Pump_VT70_G7				Pos. 2247
Part #	Customer Reference	Material	Specification	
19509		Aluminium	AL090 , BS: 20 mm	
6738		Aluminium	AL0100 , BS: 20 mm	
8299		Aluminium	AL0110 , BS: 20 mm	
NOTES:				

Coupling Hub Motor_VT70_G7				Pos. 2248
Part #	Customer Reference	Material	Specification	
--		Aluminium	variable	
NOTES: <i>Please consult configuration key or contact Processtec Inc.</i>				

Coupling Spider_VT70_G7				Pos. 2249
Part #	Customer Reference	Material	Specification	
19067		Elastomer NBR	Lovejoy, Model L090 Solid Type	
6751		Elastomer NBR	Lovejoy, Model L100 Solid Type	
6752		Elastomer NBR	Lovejoy, Model L110 Solid Type	
NOTES:				

W22 Severe Duty Motor				Pos. 3003
Part #	Customer Reference	Material	Specification	
--		CI	variable	
NOTES: WEG Severe Duty 25 HP Size might change due to application requirements				