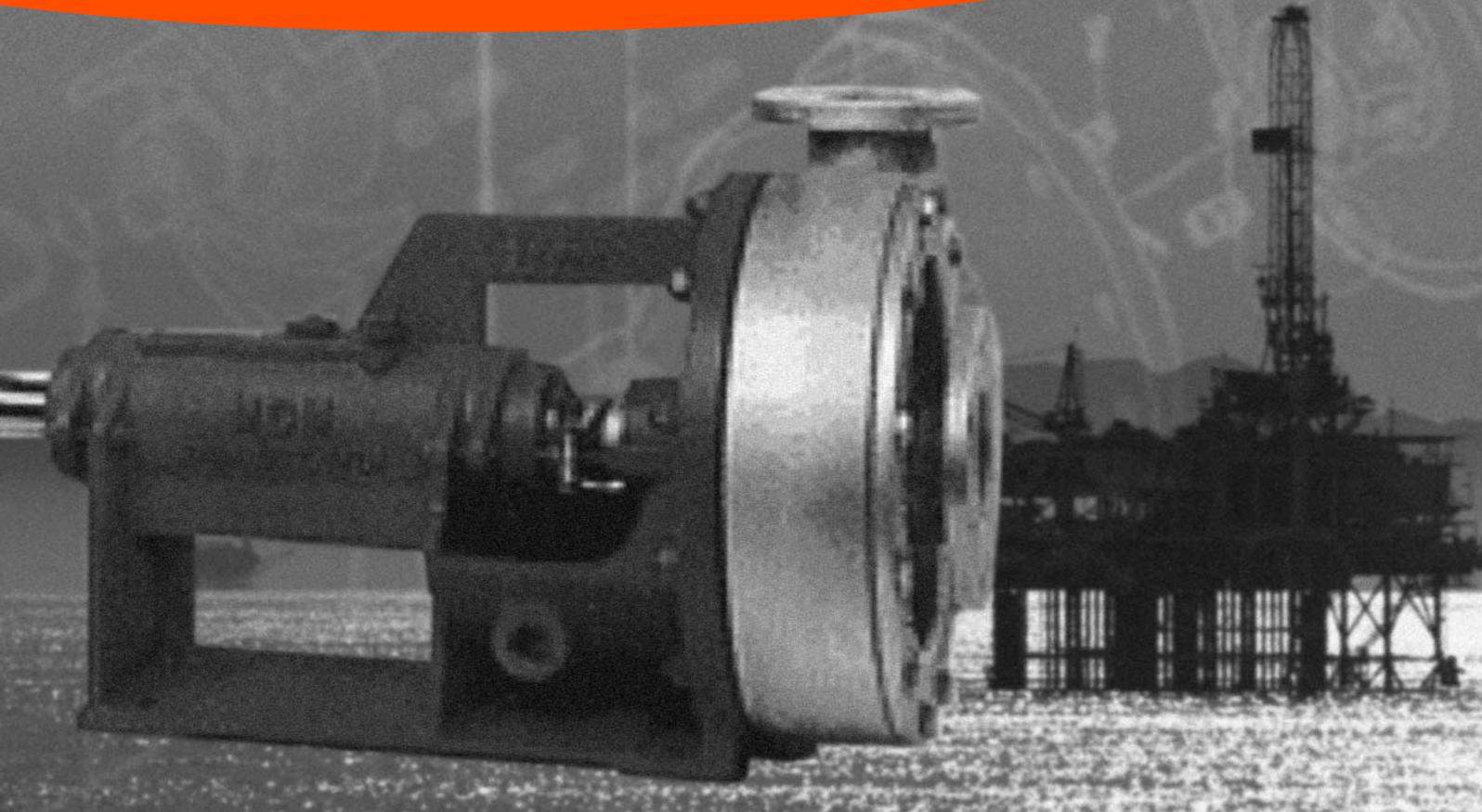




centrifugal pumps



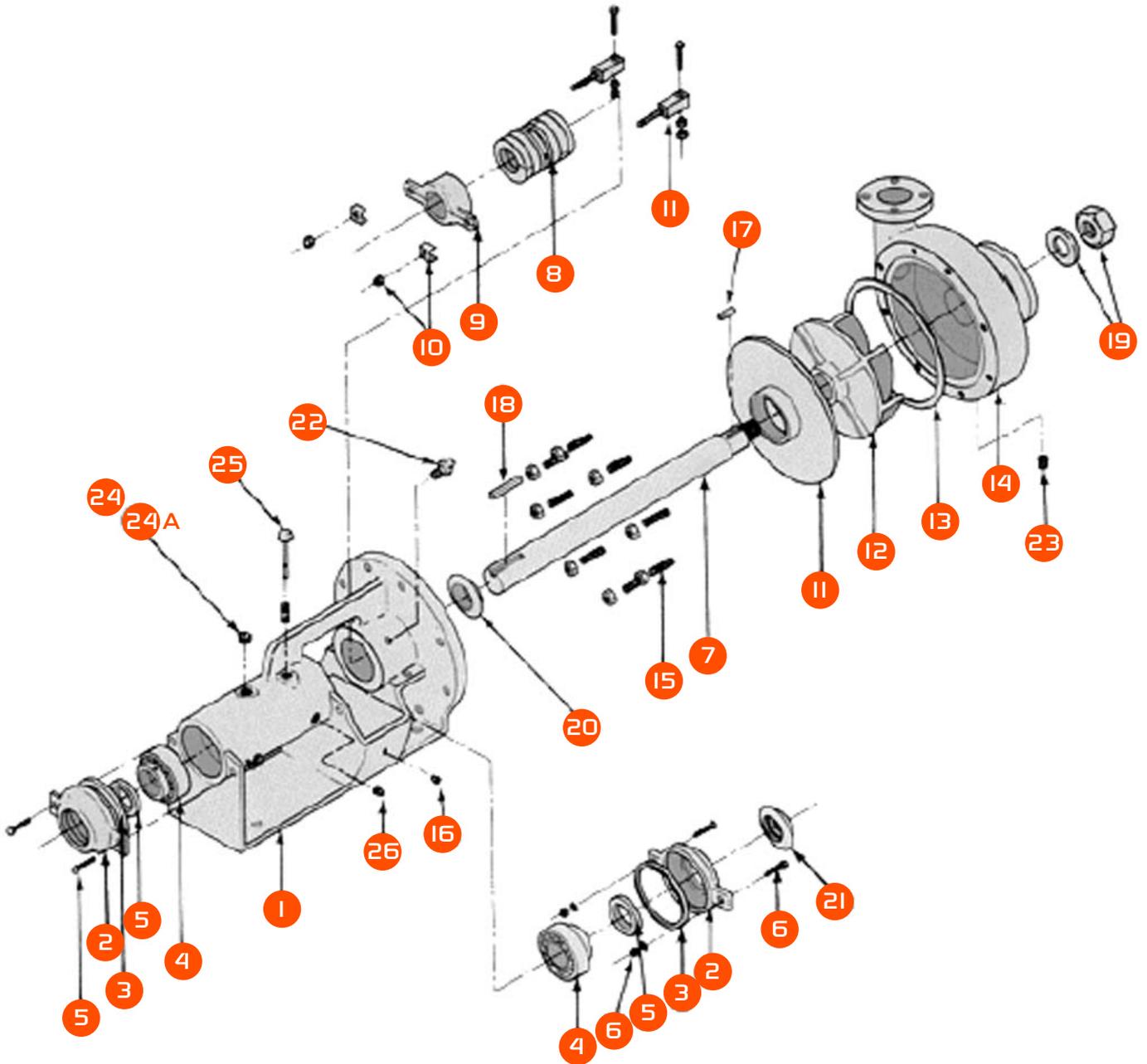
MCM O' Drill (UK) Ltd. is an established supplier of pumps, valves and related equipment to the oil and gas industry, providing sales, service, manufacturing and technical support through our Aberdeen facility.

PUMPS COVERED INCLUDE

- 118 Series
- 178 Series
- 250 Series

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I18 Series Parts Diagram

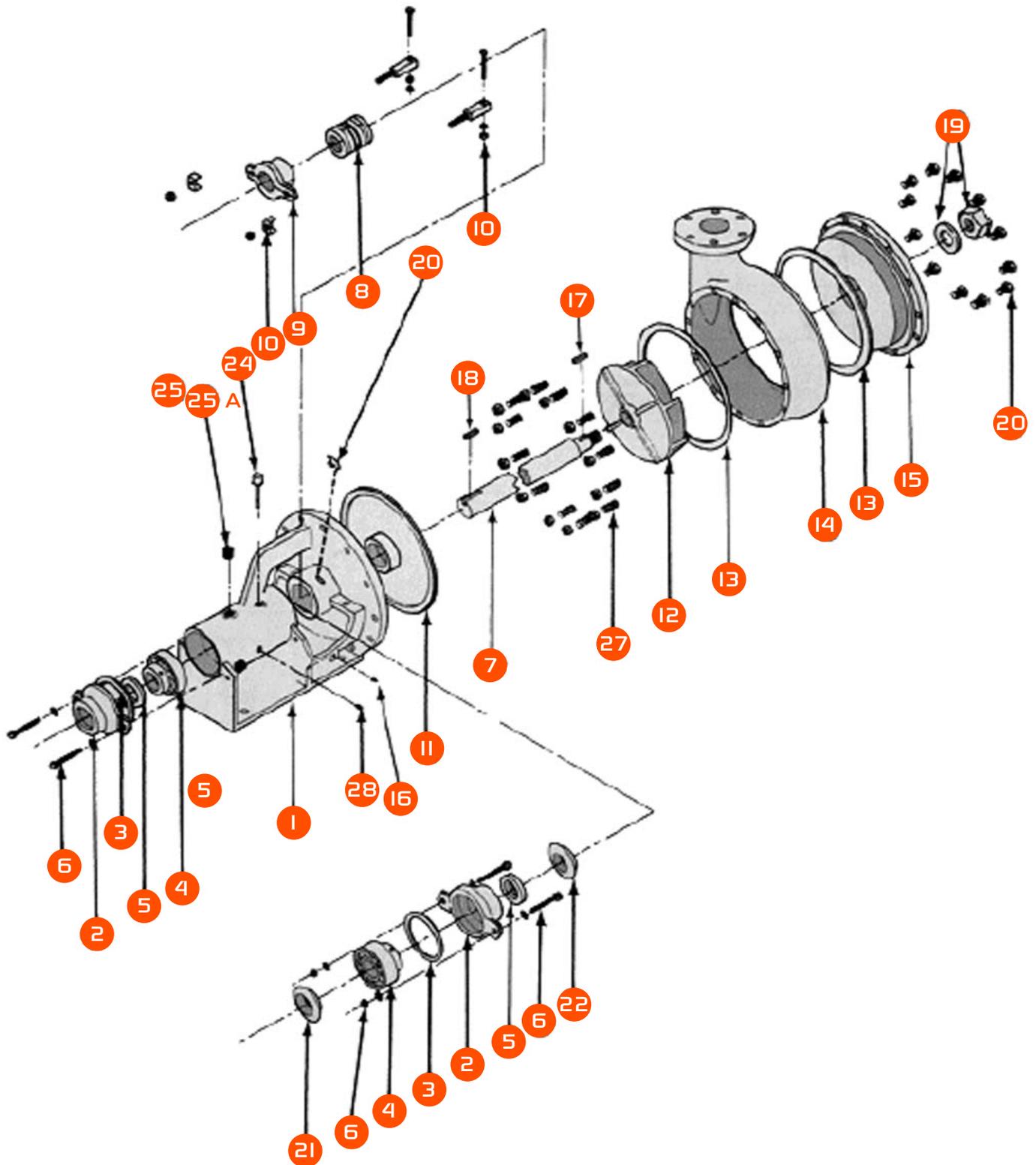


118 Series Centrifugal Pump Part Number Comparison Chart

Item No	Description	Qty Reg	MCM	Mission	Maltco	Harrisburg
1	118 Pedestal	1	P18PED	E3768	13514	1-118-PED
2	118 Bearing Cap	2	P18BC	3773A	13558	2-118-BC
3	118 Bearing Gasket	2	P18BCG	10399-21-1	13562	3-118BCG
4	118 Bearing Assy	2	P18BA	3944-1	5091-004	4-118BA
5	118 Oil & Grease Seal	2	P18OGS	3943-12	5550-001	5-118-OGS
6	118 Bearing Cap Bolt Assy	4	P18BCBA	3861-1/3932-2	13669	6-118BCBNA
7	118 316-SS Shaft	1	P18SH316SS	3769-4A	13663-129	7C-118-316SS
	118 416-SS Shaft	1	P18SH416SS	3769-21A	13663-119	7-118-416SS
	118 Ceramic Coated 416 SS	1	P18SH416SC	17361-21G-7A	13663-112	7A-118-416SSC
8	118 Graphite Packing	1	P18PMSG	8264-11S-OBA	13518	8A-118-PMSG
	118 King Packing	1	P18PMSK	8474-11S-1A	13521	8C-118-PMSK
	118 Teflon Packing	1	P18PMST	8264-11S-7A	13522	8D-118-PMST
9	118 Packing Gland	1	P18PG	8204-13A	8204-13A	9-118GPA
10	118 Gland Adjusting Bolt Assy	2	P18GABA	A-3701-A	13657	10-118-GABA
11	118 Wear Plate Cast Iron	1	P18WPC	3762-1	3762-1	11a-118WPC
12	118-1X11/2" RH C.I. Impeller	1	P18C11MR xxx	4571-XX-1	13605-XX-111	12-118-C
	118 1-1/2" X 2 RH C.I. Impeller	1	P18C12MR xxx	4571-XX-1	13604-XX-111	12-118-C
	118 2X3 RH C.I. Impeller	1	P18C23MR xxx	4575-XX-1	13606-XX-111	12-118-C
	118 3X4 RH C.I. Impeller	1	P18C34MRxxx	5170-XX-1	N/A	N/A
13	118 Housing Gasket	1	P18HG	10399-19-1	13593-001	13A-118-HGF
14	118 1X11/2" RH C.I. Hsg Assy	1	P18C11HR	N/A	16333-001	N/A
	118 11/2" X 2 RH C.I. Hsg Assy	1	P18C12HR	G4576-1A	13672-001	1418142CHR
	118 2X3 RH C.I. Hsg Assy	1	P18C23HR	F4672-1A	13673-001	141823CHR
	118 3X4 RH C.I. Hsg Assy	1	P18C34HR	F5162-1A	N/A	N/A
15	118 Housing Stud with Nut	8	P18HSN	11907-82/3932-1	13591/5327-032	15-118-HSN
16	118 Drip Bowl Drain Plug	2	P18DBDP	8262-6	5223-062	N/A
17	118 Impeller Key	1	P18IK	04372-1-4	13556	17-118K
18	118 Coupling Key	1	P18CK	04372-2-21	13601	17A-118-CK
19	118 Shaft Lock Nut Assy	1	P18LNA	06209-7-4	5334-034	18-118-LNA
20	118 Oil Slinger Ring	1	P18SRO	N/A	N/A	19-118-SRO
21	118 Water Slinger Ring	1	P18SRW	C3770A	13584	22-118-SRW

Note: xx or xxx indicates Impeller Size

178 Series Parts Diagram

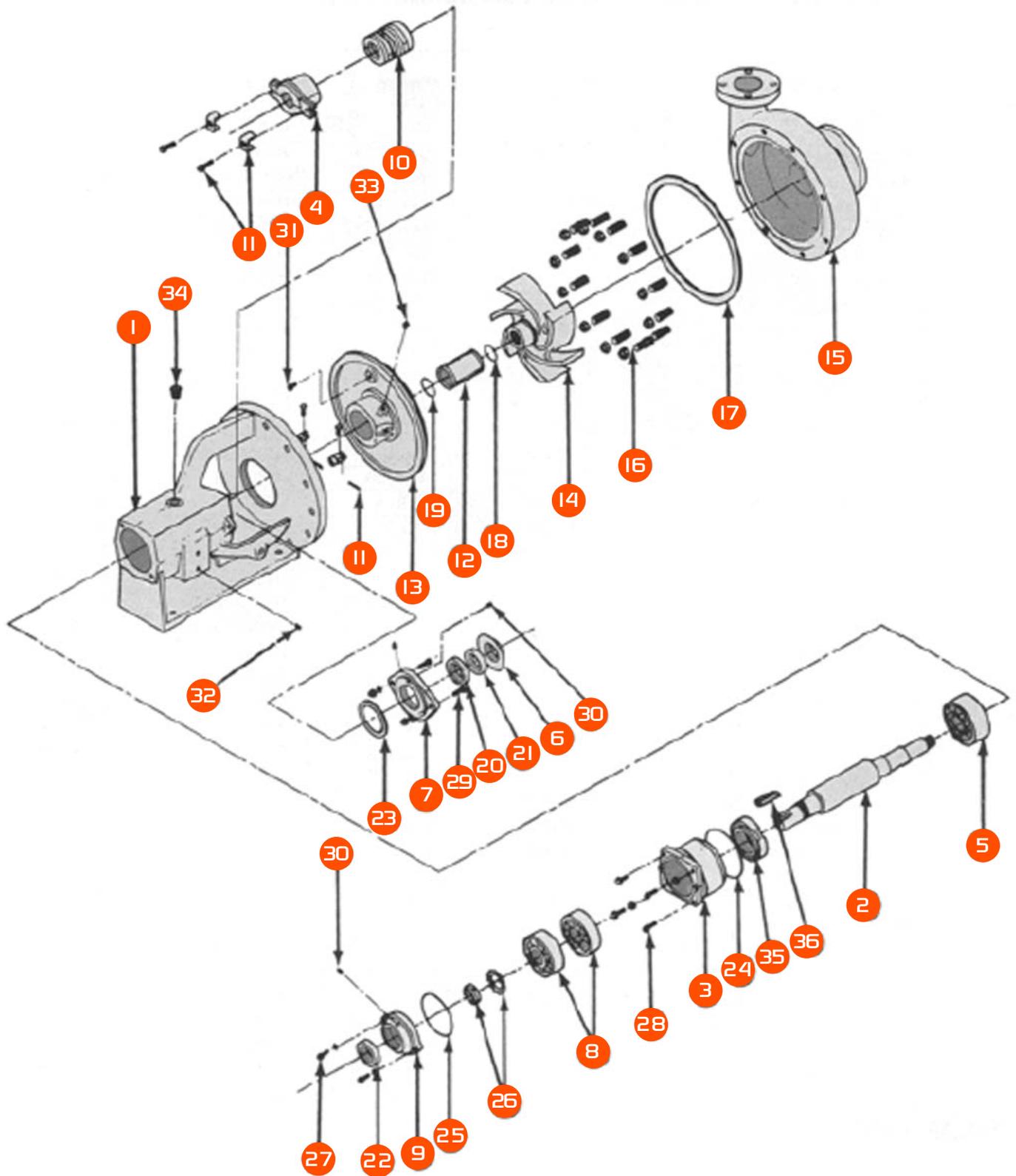


178 Series Centrifugal Pump Part Number Comparison Chart

Item No	Description	Qty Reg	MCM	Mission	Maltco	Harrisburg
1	178 Pedestal	1	P78PED	L3785	13515	1-178-PED
2	178 Bearing Cap	2	P78BC	3790	13559	2-178-BC
3	178 Bearing Gasket	2	P78BCG	10399-23-1	13563	3-178-BCG
4	178 Bearing Assy	2	P78BA8	3944-3	5091-005	4A-178-BA8
5	178 Oil & Grease Seal	2	P78OGS	5550-002	550-002	5-178-OGS
6	178 Bearing Cap Bolt Assy	4	P78BCBA	3861-1/3932-2	13669	6-178-BCBNA
7	178 316 SS Shaft F/2X3 - 5X6	1	P78SH316SS56	3786-4A	13552-129	7F-178-316SS
	178 416-SS Shaft F 2X3- 5X6	1	P78SH416SS56	4932-21A`	13664-119	7A-178-416SS
	178 Ceramic Coated F/2X3- 5X6	1	P78SH416SC56	17238-21G-7A	13664-112	7B-178-416SSC
	178 316 SS Shaft F/6X8	1	P78SH316SS68	14928-4A	13553-229	7F-178A-316SS
	178 416-SS Shaft F/6X8	1	P78SH416SS68	14928-21A	13553-219	7C-178A-416SS
	178 Ceramic Coated F/6X8	1	P78SH416SC68	17343-21G-7A	13553-212	7D178A416SSC
8	178 Graphite Packing	1	P78PMSG	8264-17W-OBA	13523	8A-178-PMSG
	178 King Packing	1	P78PMSK	8474-17W-1A	13526	8C-178-PMSK
	178 Teflon Packing	1	P78PMST	8264-17W-7A	13527	8D-178-PMST
9	178 Packing Gland	1	P78PG	7406-13A	13547	9-178-GPA
10	178 Gland Adjusting Bolt Assy	2	P78GABA	A3701A	13658	10-178-GABA
11	178 Wear Plate Ductile Iron	1	P78WPD	3779-30	13541-002	11B-178-WPD
12	178 2X3 Ductile RH Impeller	1	P78D23MR xxx	4610-XX-30	13608-XX-112	1278231RXXX
	178 3X4 Ductile RH Impeller	1	P78D34MRxxx	4605-XX-30	13610-XX-112	1278341RXXX
	178 4X5 Ductile RH Impeller	1	P78D45MRxxx	4705-XX-30	13612-XX-112	1278451RXXX
	178 5X6 Ductile RH Impeller	1	P78D56MRxxx	4710-XX-30	13614-XX-112	1278561RXXX
	178 6X8 Ductile RH Impeller	1	P78D68MRxxx	5142-XX-30	13616-XX-112	1268681RXXX
13	178 Housing Gasket	2	P78HG	10399-20-1	13594-001	13A-178-HGF
14	178 2X3 Ductile Housing Only	1	P78D23H	N/A	N/A	147823HD
	178 3X4 Ductile Housing Only	1	P78D34H	N/A	N/A	147834HD
	178 4X5 Ductile Housing Only	1	P78D45H	N/A	N/A	147845HD
	178 5X6 Ductile Housing Only	1	P78D56H	N/A	N/A	147856HD
	178 6X8 Ductile Housing Only	1	P78D68H	N/A	N/A	147868HD
15	178 2X3 Ductile Face	1	P78D23F	N/A	N/A	267823HFD
	178 3X4 Ductile Face	1	P78D34F	N/A	N/A	267834HFD
	178 4X5 Ductile Face	1	P78D45F	N/A	N/A	267845HFD
	178 5X6 Ductile Face	1	P78D56F	N/A	N/A	267856HFD
	178 6X8 Ductile Face	1	P78D68F	N/A	N/A	267868HFD
14/15	178 2X3 Housing Assy RH Duct	1	P78D23HFAR	G4676-30A	13674-002	147823DHAR
	178 3X4 Housing Assy RH Duct	1	P78D34HFAR	F4644-30A	13675-002	147834DHAR
	178 4X5 Housing Assy RH Duct	1	P78D45HFAR	F4732-30A	13676-002	147845DHAR
	178 5X6 Housing Assy RH Duct	1	P78D56HFAR	F4742-30A	13667-002	147856DHAR
	178 6X8 Housing Assy RH Duct	1	P78D68HFAR	F5144-30A	13678-002	147868DHAR
21	Oil Slinger	1	P78SRO	N/A	N/A	19-178-SRO
22	Water Slinger	1	P78SRW	C3787A	13565	20-178-SRW

Note: xx or xxx indicates Impeller Size

250 Series Parts Diagram

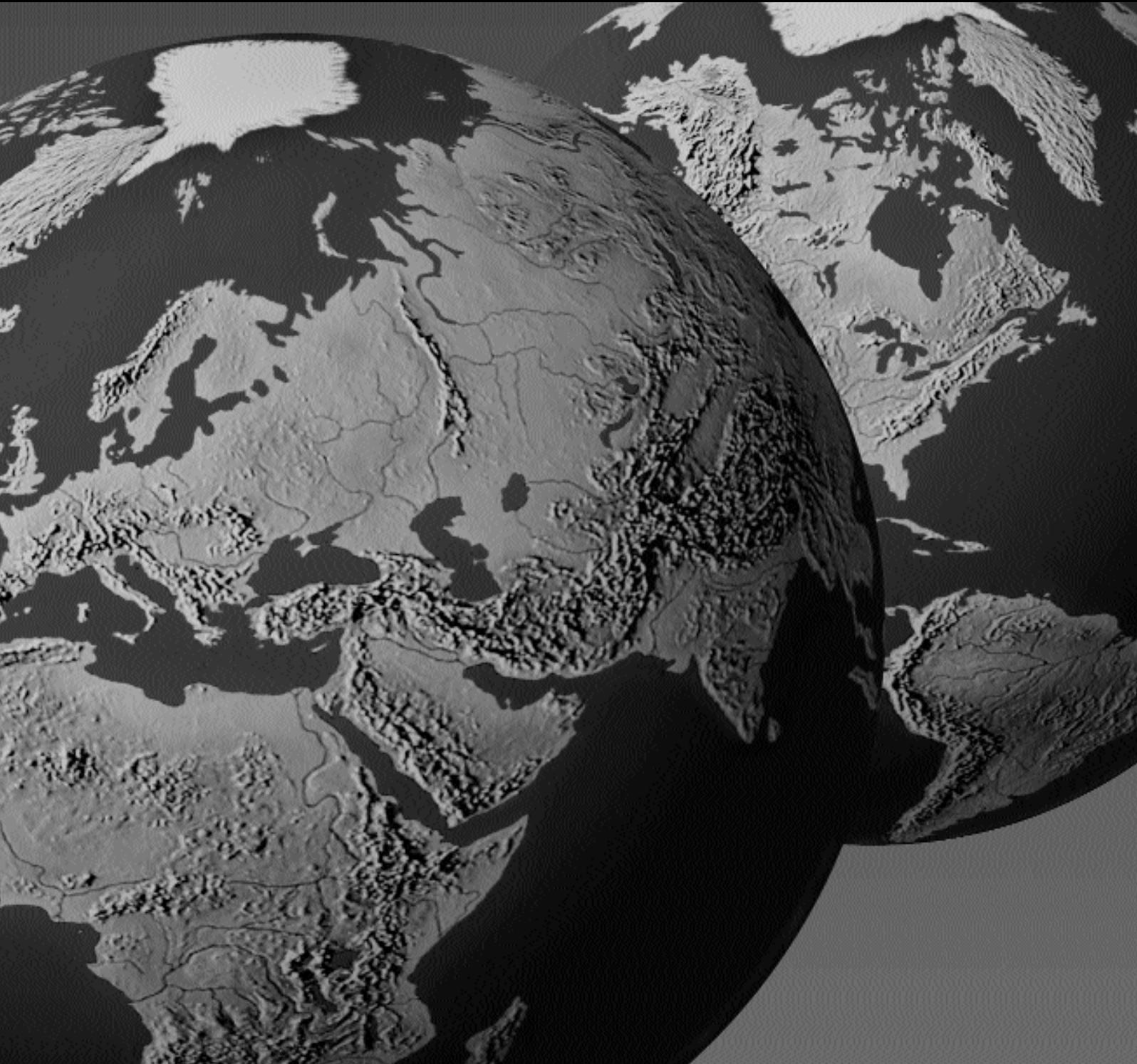


250 Series Centrifugal Pump Part Number Comparison Chart

Item No	Description	Qty Reg	MCM	Mission	Maltco	Harrisburg
1	250 Pedestal	1	P25PED	20618-12-1	17670	1-250-PED
2	250 Shaft	1	P25SHFT	20612-02-33	17665-001	7-250-416SS
3	250 Outboard Bearing Housing	1	P25OBBH	20624-01-01	17673	4C-250-BH
4	250 Packing Gland	1	P25PG	20622A	17659	9-250-GPA
5	250 Inboard Bearing	1	P25IBBRG	20615-1	50913-001	4B-250-BI
6	250 Water Slinger Ring	1	P25SRW	22210-1A	17691	23-250-SRW-U
7	250 Inboard Bearing Cover	1	P25IBBC	20626A	17671	2B-250-BC
8	250 Outboard Bearing	2	P25OBBRG	20616-1	50912-001	4A-250-BO
9	250 Outboard Bearing Cover	1	P25OBBC	20617A	17866	2A-250-BC
10	250 Graphite Packing	1	P25PMMSG	8264-24-OBA	17660-001	8A-250-PMMSG
	250 King Packing	1	P25PMSK	8474-24-1A	17660-002	8C-250-PMSK
	250 Teflon Packing	1	P25PMST	8264-24-7A	N/A	8B-250-PMST
	250 Mechanical Seal	1	P25MS/TT	22451	17662	34A-250-MSI
11	250 Gland Bolt Assy	2	P25GABA	3701A	17686	10-250-GABA
12	250 Shaft Sleeve, Ceramic	1	P25SHSLVC	20613-21G-7A	17666-002	7A-250-SSC
13	250 Stuffing Box F/Packing	1	P25SB/PK	20614-01-30	17657-002	11-250-SBPG
	250 Stuffing Box F/Mech Seal	1	P25SB/MS	22223-01-30A	17658-002	11C-250-SBMS
14	250 2x3x13 Impeller	1	P25D233MRxxx	19204-XX-30	17650-XX-112	1225231XX
	250 3x4x13 Impeller	1	P25D343MRxxx	19206-XX-30	17651-XX-112	1225341-XX
	250 4x5x14 Impeller	1	P25D454MRxxx	19224-XX-30	17652-XX-112	1225451-XXX
	250 5x6x11 Impeller	1	P25D561MRxxx	19121-XX-30	17653-XX-112	1225561-XXX
	250 5x6x14 Impeller	1	P25D564MRxxx	19121-XX-30	17654-XX-112	1225561-XXX
	250 6x8x11 Impeller	1	P25D561MRxxx	19121-XX-30	17653-XX-112	1225661-XXX
	250 6x8x14 Impeller	1	P25D684MRxxx	19116-XX-30	17656-XX-112	1125681-XXX
15	250 2x3x13 Housing Assy	1	P25D233H	19203-01-30A	1769-002	142523HAS
	250 3x4x13 Housing Assy	1	P25D343H	19205-01-30A	17680-002	142534HAS
	250 4x5x14 Housing Assy	1	P25D454H	19222-01-30A	17681-002	N/A
	250 5x6x11 Housing Assy	1	P25D561H	19122-01-30A	17682-002	142556HAS-11
	250 5x6x14 Housing Assy	1	P25D564H	19123-01-30A	17683-002	142556HAS-14
	250 6x8x11 Housing Assy	1	P25D681H	19763-01-30A	17684-002	N/A
	250 6x8x14 Housing Assy	1	P25D684H	19117-01-30A	17685-002	142568HAS
16	250 Housing Stud w/nut	12	P25HSN	3862-76/3932-61	17649/5327-034	15-250-HSN
7A	250 Fluid End Gasket Kit		P25FEGK	10399-46-1A	17690	31-250-FEGK
17	250 Housing Gasket	1	P25HG	10399-46-1	17648	13C-250-HGA
18	250 Impeller Seal O-Ring	1	P25IMS	19110-72	5530-0032	12B-250-ISOR
19	250 Shaft Sleever Seal O-Ring	1	P25SSS	7496-236	5530-136	7B-250-SSOR
20A	250 Oil Seal Kit		P25OSK	20619A	17693	33-250-GSK
20	250 Inboard Bearing Seal Kit	1	P25IBBOS	20619-01	5550-005	5B-250-OGSI
21	250 Inboard Exclusion Seal	1	P251BBES	20620-01	5550-006	5C-250-SEXI
22	250 Outboard Bearing Seal	1	P25OBBOS	20619-02	5550-007	5A-250-OGSO
23A	250 Power End Gasket Kit		P25PEGK	20625A	17692	32-250-PEGK
23	250 Inboard Bearing Cover Gasket	1	P25IBBCG	20625	17672	3A-250-BCG
24	250 Outboard Bearing Hsg Seal	1	P25OBBHS	7496-253	5530-254	4D-250-BHOR
25	250 Outboard Bearing Cover Seal	1	P25OBBCS	7496-26	5530-246	3B-250-BCOR
26	250 Bearing Lock Nut Kit	1	P25BLNK	6123-4A	17689	4E-250-BBLNA

Note: xx or xxx indicates Impeller Size

**THROUGH OUR FACILITY IN ABERDEEN WE WILL PROVIDE READILY ACCESSIBLE
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