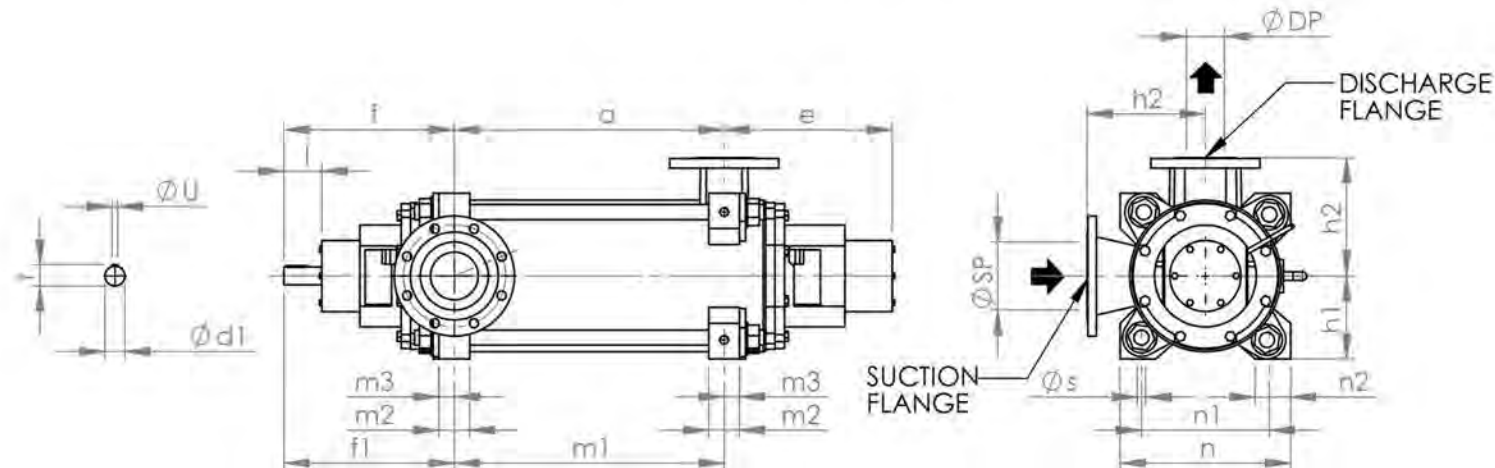


Bareshaft Construction

DIMENSIONAL DRAWING
MULTI-STAGE CENTRIFUGAL PUMP
TRAVAINI PUMP MODEL

TM-HPM / 1G



TM-HP/1G	SUCTION FLANGE ANSI B16.5 CLASS 150	DISCHARGE FLANGE ANSI B16.5 CLASS 600	Pump Dimensions					Foot Dimensions					Shaft End				
PUMP	SP	DP	e	f	f1	h1	h2	m2	m3	n	n1	n2	s	d1	l	t	u
25	1 1/2"	1"	192	240	240	120	160	38	19	240	186	50	M12	18	52	20.5	6
32	2"	1 1/4"	280	300	300	140	200	50	25	280	210	65	M16	28	60	31	8
50	3"	2"	305	340	340	155	225	55	27.5	301	240	65	M16	32	80	35	10
80	5"	3"	325	360	360	175	250	65	32.5	350	270	75	M20	38	80	41	10
100	6"	4"	350	410	410	205	315	75	37.5	410	300	90	M20	42	110	45	12
125	8"	5"	420	515	515	255	350	95	47.5	510	400	110	M24	55	130	59	16
150	10"	6"	480	555	555	305	420	120	60	610	460	140	M27	70	140	74.5	20

TM-HP/1G		Number of Stages																							
PUMP	DIM	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
25	α / m1	100	145	190	235	280	325	370	415	460	505	550	595	640	685	730	775	820	865	910	955	1000	1045	1090	1135
32	α / m1	125	180	235	290	345	400	455	510	565	620	675	730	785	840	895	950	1005	1060	1115	1170	1225	1280	1335	1390
50	α / m1	152	214	276	338	400	462	524	586	648	710	772	834	896	958	1020	1082	1144	1206	1268					
80	α / m1	195	270	345	420	495	570	645	720	795	870	945	1020	1095	1170	1245									
100	α / m1	235	325	415	505	595	685	775	865	955	1045	1135	1225	1315											
125	α / m1	295	405	515	625	735	845	955	1065	1175	1285	1395													
150	α / m1	370	505	640	775	910	1045	1180	1315	1450															



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1. All dimensions in millimeters unless otherwise specified.

2. All tolerances are $\pm 0.80\text{mm} (\pm 1/32")$

3. Not valid for construction unless certified.

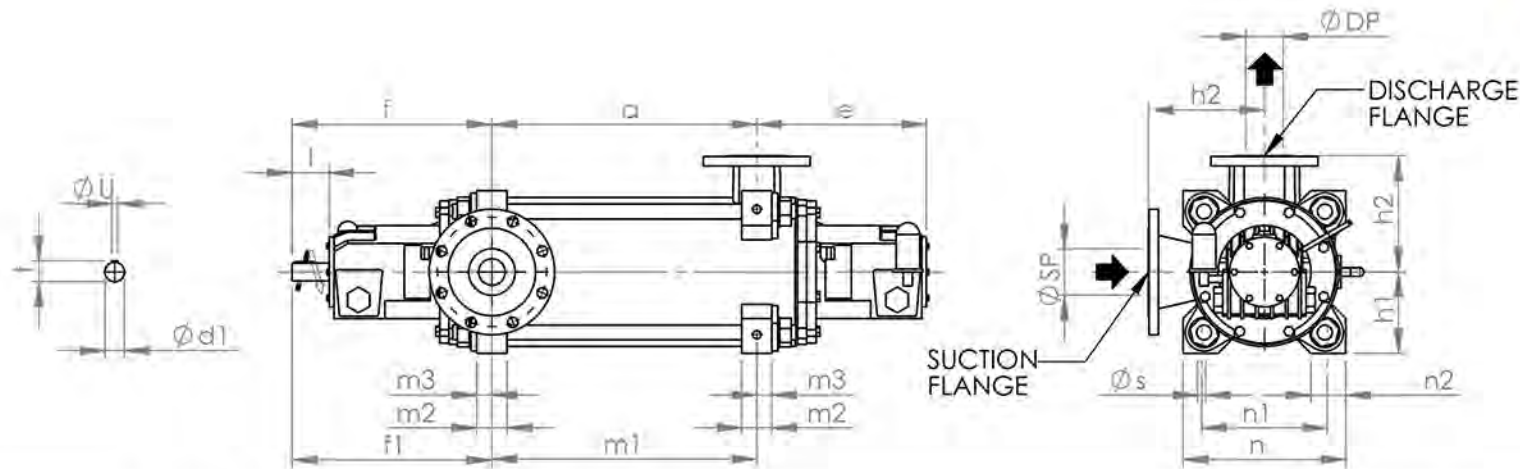
DATE : NOVEMBER 2013

N°:

Bareshaft Construction

DIMENSIONAL DRAWING
MULTI-STAGE CENTRIFUGAL PUMP
TRAVAINI PUMP MODEL

TM-HPM / 1L



TM-HPM/1L	SUCTION FLANGE ANSI B16.5 CLASS 150	DISCHARGE FLANGE ANSI B16.5 CLASS 600	Pump Dimensions					Foot Dimensions						Shaft End			
PUMP	SP	DP	e	f	f1	h1	h2	m2	m3	n	n1	n2	s	d1	l	t	u
32	2"	1 1/4"	320	365	365	140	200	50	25	280	210	65	M16	28	60	31	8
50	3"	2"	346	410	410	155	225	55	27.5	310	240	65	M16	32	80	35	10
80	5"	3"	365	430	430	175	250	65	32.5	350	270	75	M20	38	80	41	10
100	6"	4"	394	472	472	205	315	75	37.5	410	300	90	M20	42	110	45	12
125	8"	5"	461	585	585	255	350	95	47.5	510	400	110	M24	55	130	59	16
150	10"	6"	516	643	643	305	420	120	60	610	460	140	M27	70	140	74.5	20

TM-HPR/1L				Number of Stages																					
Pump	Dim	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
32	a / m1	125	180	235	290	345	400	455	510	565	620	675	730	785	840	895	950	1005	1060	1115	1170	1225	1280	1335	1390
50	a / m1	152	214	276	338	400	462	524	586	648	710	772	834	896	958	1020	1082	1144	1206	1268					
80	a / m1	195	270	345	420	495	570	645	720	795	870	945	1020	1095	1170	1245									
100	a / m1	235	325	415	505	595	685	775	865	955	1045	1135	1225	1315											
125	a / m1	295	405	515	625	735	845	955	1065	1175	1285	1395													
150	a / m1	370	505	640	775	910	1045	1180	1315	1450															

1. All dimensions in millimeters unless otherwise specified.

2. All tolerances are +/-0.80mm(+/-1/32")

3. Not valid for construction unless certified.

DATE : NOVEMBER 2013

N°:



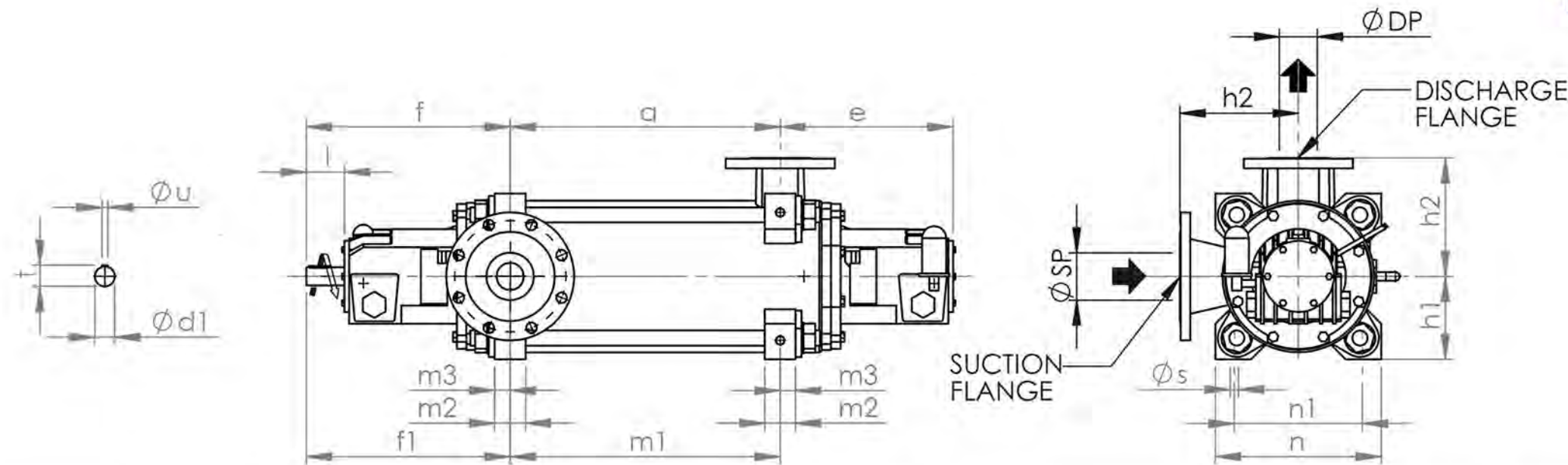
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DIMENSIONAL DRAWING
MULTI-STAGE CENTRIFUGAL PUMP
TRAVAINI PUMP MODEL

TM-HPR / 1L



TM-HPR/1L	SUCTION FLANGE ANSI B16.5 CLASS 150	DISCHARGE FLANGE ANSI B16.5 CLASS 900	Pump Dimensions					Foot Dimensions					Shaft End				
Pump	SP	DP	e	f	f1	h1	h2	m2	m3	n	n1	n2	s	d1	l	t	u
32	2"	1 1/4"	320	365	365	140	200	50	25	280	210	65	M16	28	60	31	8
50	3"	2"	346	410	410	155	225	55	27.5	310	240	65	M16	32	80	35	10
80	5"	3"	365	430	430	175	250	65	32.5	350	270	75	M20	38	80	41	10
100	6"	4"	394	472	472	205	315	75	37.5	410	300	90	M20	42	110	45	12
125	8"	5"	461	58	585	255	350	95	47.5	510	400	110	M24	55	130	59	16
150	10"	6"	516	643	643	305	420	120	60	610	460	140	M27	70	140	74.5	20

TM-HPR/1L				Number of Stages																					
Pump	Dim	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
32	α / m1	125	180	235	290	345	400	455	510	565	620	675	730	785	840	895	950	1005	1060	1115	1170	1225	1280	1335	1390
50	α / m1	152	214	276	338	400	462	524	586	648	710	772	834	896	958	1020	1082	1144	1206	1268					
80	α / m1	195	270	345	420	495	570	645	720	795	870	945	1020	1095	1170	1245									
100	α / m1	235	325	415	505	595	685	775	865	955	1045	1135	1225	1315											
125	α / m1	295	405	515	625	735	845	955	1065	1175	1285	1395													
150	α / m1	370	505	640	775	910	1045	1180	1315	1450															

1. All dimensions in millimeters unless otherwise specified.

2. All tolerances are +/-0.80mm(+/-1/32")

3. Not valid for construction unless certified.

DATE : SEPTEMBER 2013

N°:



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