

End suction centrifugal pumps in accordance with DIN 24255 made of stainless steel AISI 304, applications include water boosting, heating systems, air-conditioning, washing systems and many other industrial applications.

WRAS approved pumps are available upon request.



SPECIFICATIONS

- Maximum working pressure: 10 bar
- Liquid temperature: from -20°C to $+110^{\circ}\text{C}$

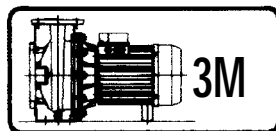
MATERIALS

- Pump body, impeller, casing cover and shaft in AISI 304
- Mechanical seal in carbon/ceramic/NBR for standard version
- Mechanical seal in carbon/ceramic/Viton for H version
- Mechanical seal on SiC/SiC/FPM for HS version

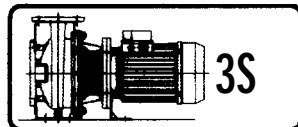
TECHNICAL DATA

- Asynchronous 2 and 4 poles motor
- Insulation class F
- Protection degree IP55
- 3~230/400V $\pm 10\%$ 50Hz upto 4kW included, 400/690V $\pm 10\%$ above
- Thermal protection to be provided by the user

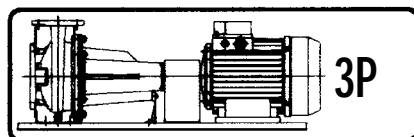
Available in 5 different versions, 2 and 4 poles



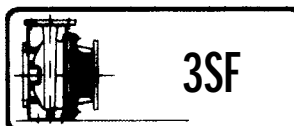
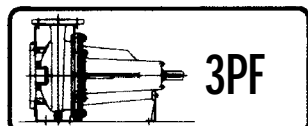
monobloc with extended motor shaft



monobloc with standard motor and flexible coupling

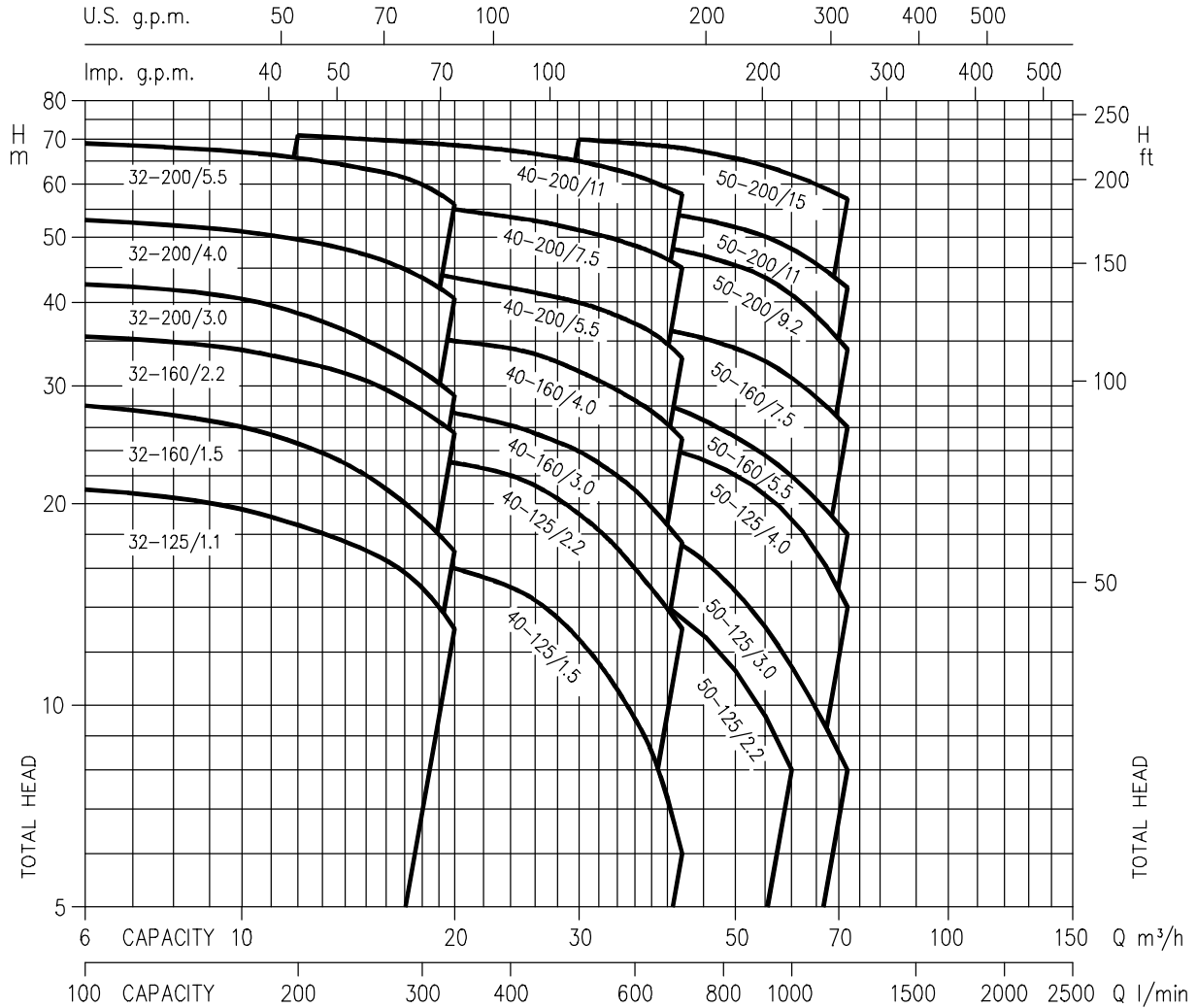


on basement with standard motor and flexible coupling



bareshaft pump

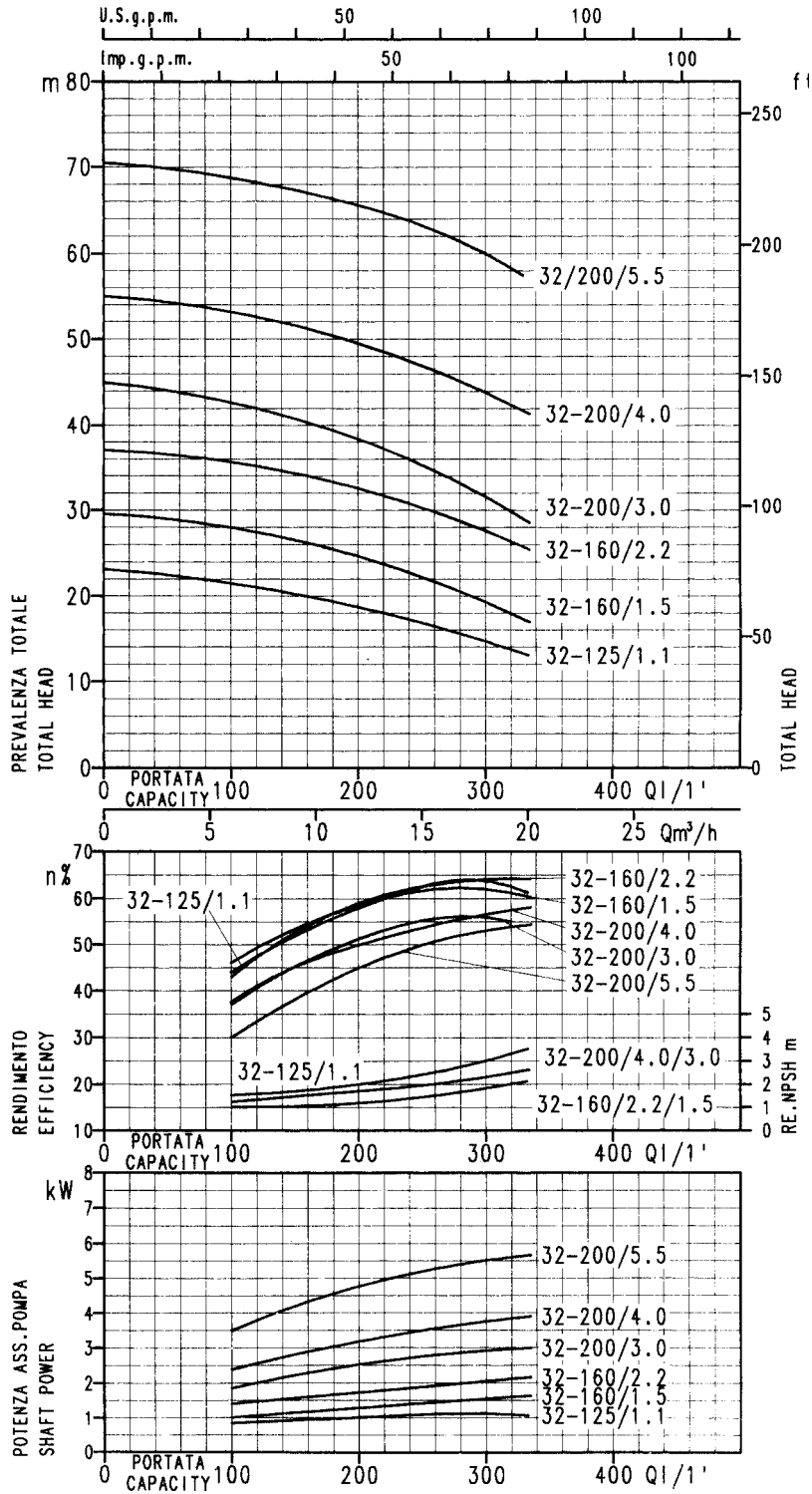
PERFORMANCE CHART at 2900 min⁻¹ (according to ISO 9906 grade 2)



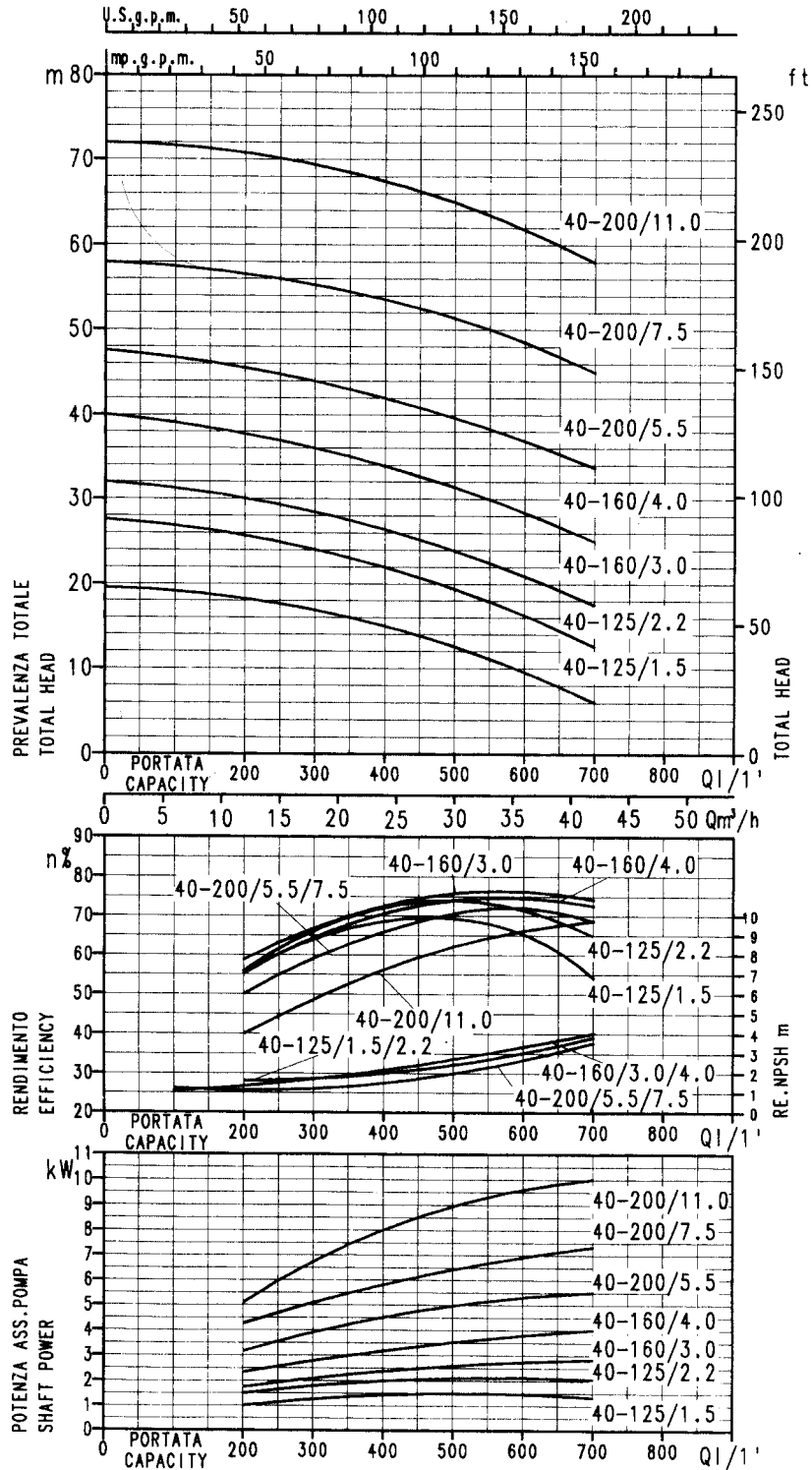
PERFORMANCE TABLE

Pump type 3M	kW	Absorbed Current (A)			Q=Capacity l/min m³/h	H=Total head															
		230V	Three-phase			100	150	200	250	300	333	400	450	500	550	600	650	700	800	1000	1200
			400V	690V		6	9	12	15	18	20	24	27	30	33	36	39	42	48	60	72
32-125/1.1	1.1	5.0	2.9	-	21	20	18.5	17	15	13	-	-	-	-	-	-	-	-	-		
32-160/1.5	1.5	5.9	3.4	-	28	26.5	24.5	22	19	17	-	-	-	-	-	-	-	-	-		
32-160/2.2	2.2	8.3	4.8	-	35.5	34.5	32.5	30.5	27.5	25.5	-	-	-	-	-	-	-	-	-		
32-200/3.0	3.0	11.8	6.8	-	42.5	41	38.5	35	31.5	29	-	-	-	-	-	-	-	-	-		
32-200/4.0	4.0	15.6	9.0	-	53	51.5	49.5	47	43.5	40.5	-	-	-	-	-	-	-	-	-		
32-200/5.5	5.5	-	11.8	6.8	69	67.6	65.5	63	60	56	-	-	-	-	-	-	-	-	-		
40-125/1.5	1.5	5.9	3.4	-	-	-	18	17.5	17	16	15	14	12.5	11	9.5	8	6	-	-		
40-125/2.2	2.2	8.3	4.8	-	-	-	26	25	24.2	23	22	21	19	17.5	16	14.3	13	-	-		
40-160/3.0	3.0	11.8	6.8	-	-	-	30	29	28.5	27.3	26.2	25.4	24	22.5	21	19.2	17.5	-	-		
40-160/4.0	4.0	15.9	9.2	-	-	-	38	37	36	35	34	33	31.3	30	28.5	27	25	-	-		
40-200/5.5	5.5	-	11.1	6.4	-	-	46	45	44	43.5	42	41	40	38.5	37	35.1	33	-	-		
40-200/7.5	7.5	-	15.1	8.7	-	-	56.5	56	55.3	55	53.5	52.5	51.2	49.8	48.5	47	45	-	-		
40-200/11	11	-	20.0	11.6	-	-	71	70	69.3	68.8	67.5	66.2	65	63.5	62	60	58	-	-		
50-125/2.2	2.2	8.3	4.8	-	-	-	-	-	-	-	17	16.6	16.1	15.5	14.9	14.2	13.4	11.8	8		
50-125/3.0	3.0	11.8	6.8	-	-	-	-	-	-	-	20.5	20	19.5	19	18.5	18	17.3	15.5	12.3		
50-125/4.0	4.0	15.9	9.2	-	-	-	-	-	-	-	26	25.9	25.7	25.3	24.7	24.2	23.3	22.2	19		
50-160/5.5	5.5	-	11.5	6.6	-	-	-	-	-	-	31	30.5	30	29.5	29	28	27.6	26	22.5		
50-160/7.5	7.5	-	15.5	9.0	-	-	-	-	-	-	39	38.5	38	37.5	37	36.5	36	34.5	31		
50-200/9.2	9.2	-	17.4	10.0	-	-	-	-	-	-	-	-	50	49.5	49	48.4	47.5	46	41		
50-200/11	11	-	22.0	12.7	-	-	-	-	-	-	-	-	56	55.5	55	54.5	53.8	52	48		
50-200/15	15	-	31.3	18.0	-	-	-	-	-	-	-	-	70	69.5	69	68.5	68	66	62		

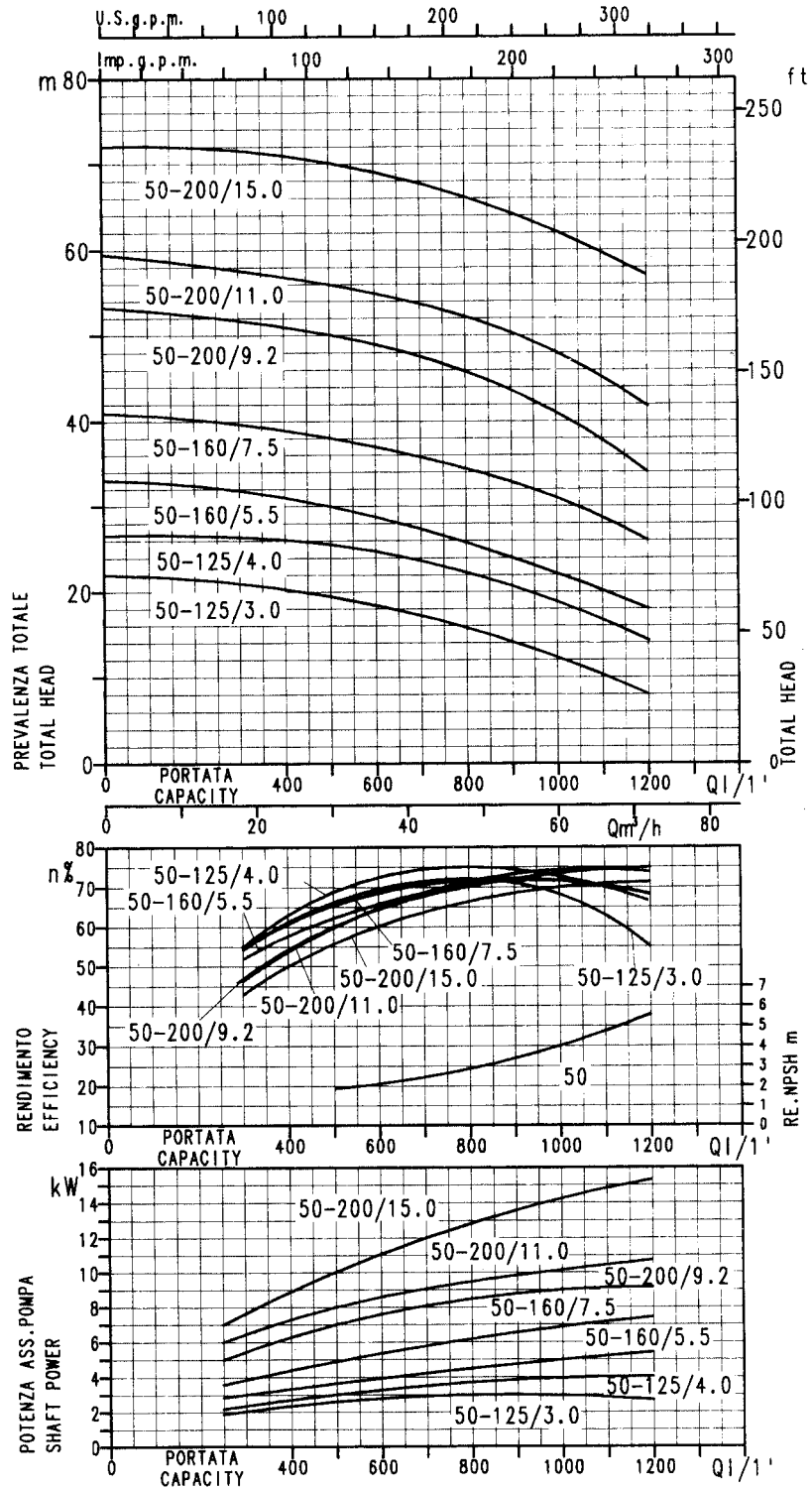
PERFORMANCE CURVES 3M-3S-3P 32 at 2900 min⁻¹ (according to ISO 9906 grade 2)



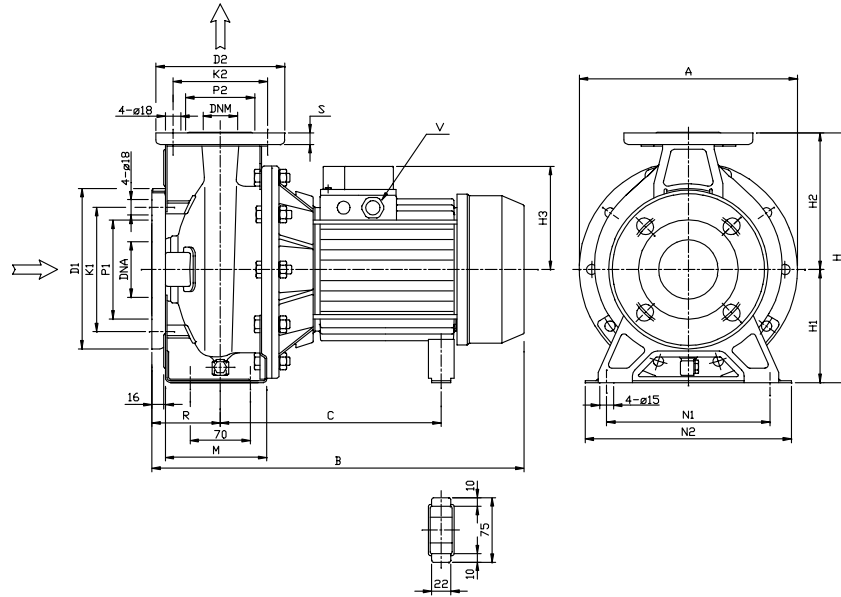
PERFORMANCE CURVES 3M-3S-3P 40 at 2900 min⁻¹ (according to ISO 9906 grade 2)



PERFORMANCE CURVES 3M-3S-3P 50 at 2900 min⁻¹ (according to ISO 9906 grade 2)



3M



DIMENSIONAL TABLE

Pump type 3M	Dimensions (mm)																				Weight Kg	
	A	B	C	H	H1	H2	H3	M	N1	N2	R	V	S	ØD1	ØK1	ØP1	ØD2	ØK2	ØP2	ØDNA		ØDNM
32-125/1.1	213	408	231	252	112	140	122	114	140	190	80	G3/8	14	165	125	96	140	100	76	50	32	23.5
32-160/1.5	254	408	231	292	132	160	122	118	190	240	80	G3/8	14	165	125	96	140	100	76	50	32	24.0
32-160/2.2	254	408	231	292	132	160	122	118	190	240	80	G3/8	14	165	125	96	140	100	76	50	32	26.0
32-200/3.0	294	433	256	340	160	180	122	119	190	240	80	G3/8	14	165	125	96	140	100	76	50	32	32.0
32-200/4.0	294	458	256	340	160	180	134	119	190	240	80	G1/2	14	165	125	96	140	100	76	50	32	34.0
32-200/5.5	294	477	276	340	160	180	153	119	190	240	80	G1/2	14	165	125	96	140	100	76	50	32	46.9
40-125/1.5	213	408	231	252	112	140	122	114	160	210	80	G3/8	14	185	145	116	150	110	81	65	40	28.5
40-125/2.2	213	408	231	252	112	140	122	114	160	210	80	G3/8	14	185	145	116	150	110	81	65	40	31.0
40-160/3.0	254	433	255	292	132	160	122	118	190	240	80	G3/8	14	185	145	116	150	110	81	65	40	36.0
40-160/4.0	254	458	255	292	132	160	134	118	190	240	80	G1/2	14	185	145	116	150	110	81	65	40	38.0
40-200/5.5	294	497	278	340	160	180	153	115	212	265	100	G1/2	14	185	145	116	150	110	81	65	40	51.0
40-200/7.5	294	520	224	340	160	180	153	115	212	265	100	G1/2	14	185	145	116	150	110	81	65	40	53.0
40-200/11	294	577	224	340	160	180	181	115	212	265	100	G1/2	14	185	145	116	150	110	81	65	40	66.9
50-125/2.2	254	428	231	292	132	160	122	114	190	240	100	G3/8	16	185	145	116	165	125	96	65	50	32.0
50-125/3.0	254	453	255	292	132	160	122	114	190	240	100	G3/8	16	185	145	116	165	125	96	65	50	35.5
50-125/4.0	254	478	255	292	132	160	134	114	190	240	100	G1/2	16	185	145	116	165	125	96	65	50	40.5
50-160/5.5	296	497	278	340	160	180	153	115	212	265	100	G1/2	16	185	145	116	165	125	96	65	50	55.0
50-160/7.5	296	520	224	340	160	180	153	115	212	265	100	G1/2	16	185	145	116	165	125	96	65	50	61.0
50-200/9.2	296	582	239	360	160	200	181	115	212	265	100	G1/2	16	185	145	116	165	125	96	65	50	67.5
50-200/11	296	582	239	360	160	200	181	115	212	265	100	G1/2	16	185	145	116	165	125	96	65	50	70.0

3M 50-200/15

